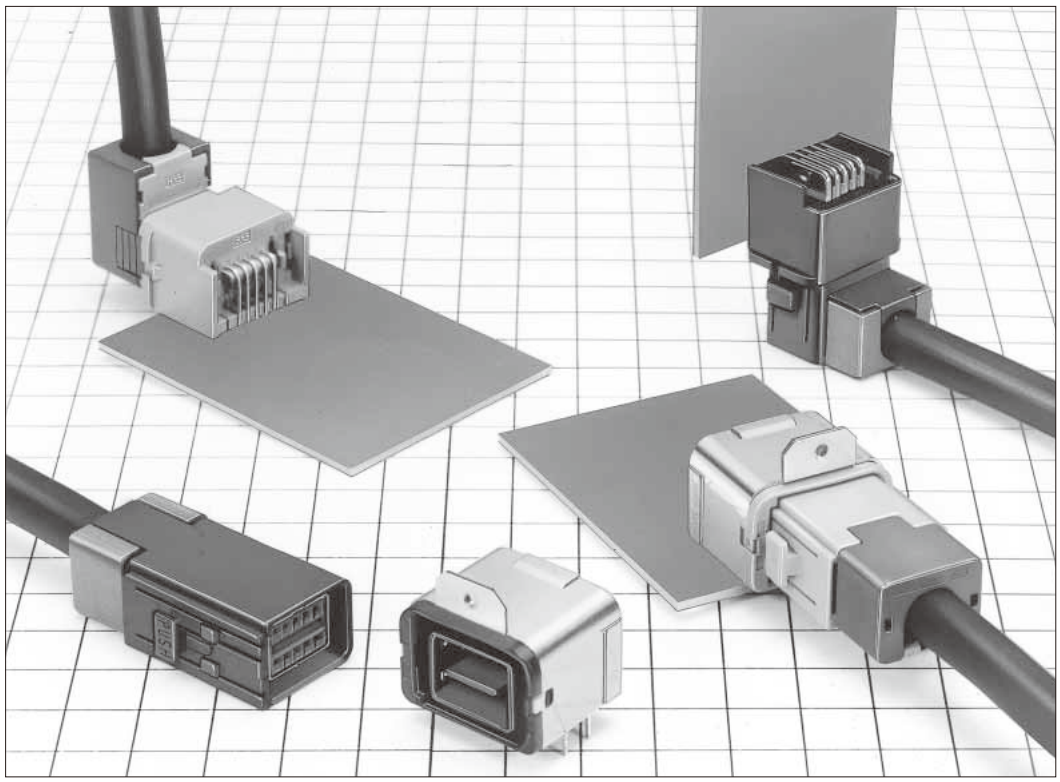
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# GT17 Series

## — Automotive Shielded Connector —
## (2mm Pitch)



## ■ Features

- **All surface shielded construction.**
- **Ideal for use as automotive USB connectors.**

## ■ Applications

In-car data communications, etc.
(For USB2.0, LVDS)

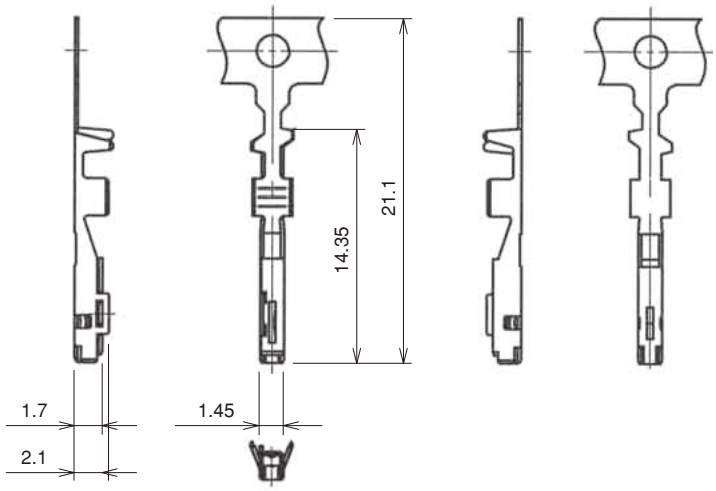


In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.

# ■ F Connectors

## ● Center Terminals (Used with 6, 8, and 10 pos. cable)

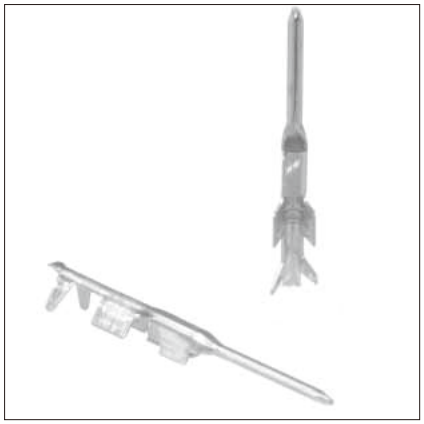


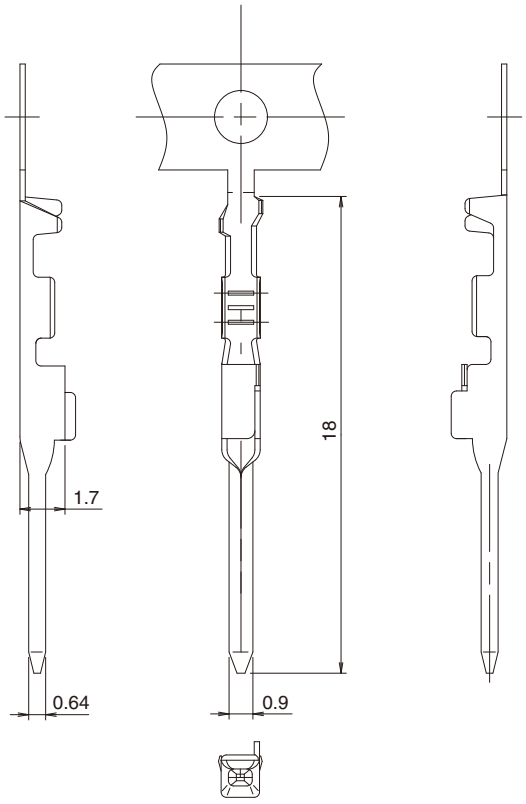



| Part No. | HRS No. | Material | Plating | Conductor Size (AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|---|
| GT17-2022SCF | 767-0009-0 | Copper alloy | Tin plating | 20 to 22 AWG | ϕ 1.1 to 1.3 | 10,000 pcs/reel | YES |
| GT17-2428SCF | 767-0010-0 | | | 24 to 28 AWG | ϕ 0.7 to 1.0 | | |
| GT17-30SCF | 767-0064-9 | | | 30 AWG | ϕ 1.1 to 1.3 | | |
| GT17B-2428SCF | 767-0122-3 | | | 24 to 28 AWG | ϕ 0.5 to 0.7 | | |

# ■ M Connectors

## ● Center Terminals (Used with 6, and 10 pos. cable)






| Part No. | HRS No. | Material | Plating | Conductor Size (AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|---|
| GT17-2022PCF | 767-0082-0 | Brass | Tin plating | 20 to 22 AWG | ϕ 1.1 to 1.3 | 10,000 pcs/reel | YES |
| GT17-2428PCF | 767-0076-8 | | | 24 to 28 AWG | ϕ 0.7 to 1.0 | | |
| GT17A-2428PCF | 767-0121-0 | | | | ϕ 1.1 to 1.3 | | |

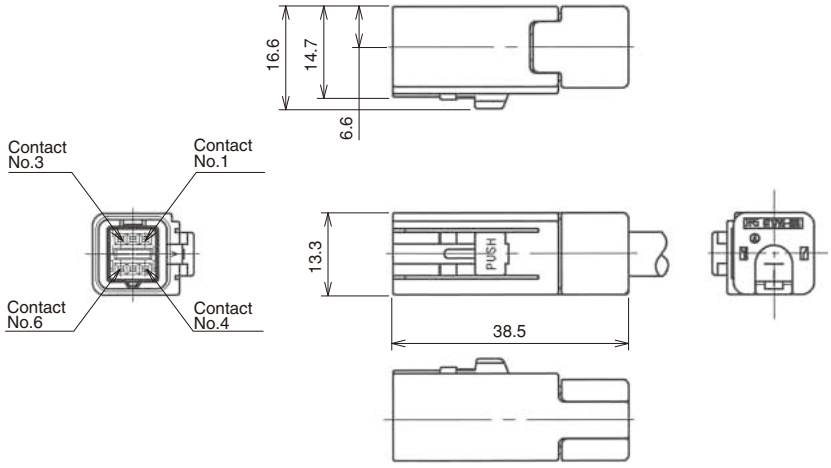
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# ■ 6 Pos. Straight Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DS-HU | 767-0051-7 | PBT/Light Gray | 1 | YES |
| GT17VSA-6DS-HU | 767-0052-0 | PBT/Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-2C | 767-0026-0 | PBT/Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-6DS-5CF | 767-0050-4 | Copper alloy / Tin plating | $\phi$ 4.8 to 5.2 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DS-SC | 767-0049-5 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DS-R | 767-0053-2 | PBT/Dark Gray | 1 | YES |

● Center terminal

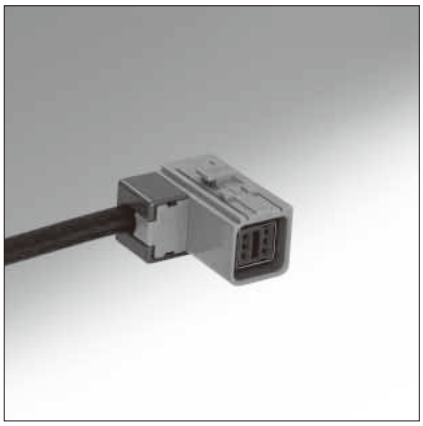
Used with 6,8, and 10 pos. cable

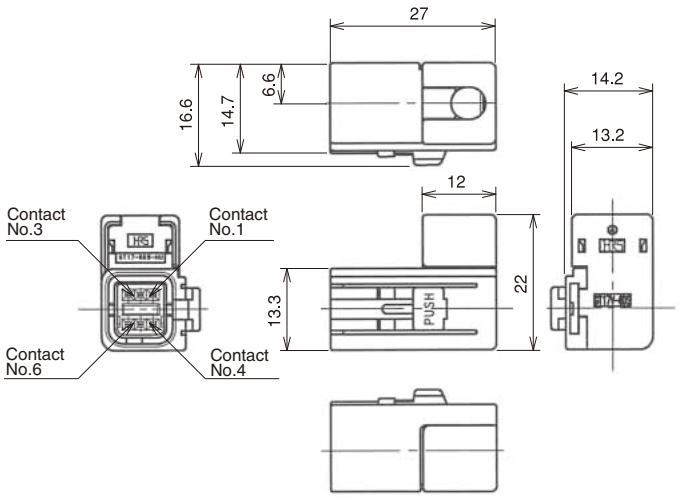
**◆Mating Table**

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17VS-6DS-HU | GT17V-6DP-DS (70) |
| | | GT17VB-6DP-DS (70) |
| Black | GT17VSA-6DS-HU | GT17VA-6DP-DS (70) |
| | | GT17VC-6DP-DS (70) |

# ■ 6 Pos. Right-angle Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-HU | 767-0029-8 | PBT / Light Gray | 1 | YES |
| GT17VA-6DS-HU | 767-0030-7 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-2C | 767-0026-0 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17V-6DS-5CF | 767-0027-2 | Copper alloy / Tin plating | $\phi$ 4.8 to 5.2 | 1 | YES |
| GT17V-6DS-3.8CF | 767-0075-5 | | $\phi$ 3.6 to 4.0 | | |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-SC | 767-0028-5 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-R | 767-0031-0 | PBT / Dark Gray | 1 | YES |

● Center terminal

Used with 6,8, and 10 pos. cable

**◆Mating Table**

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17V-6DS-HU | GT17V-6DP-DS(70)(Cable exit direction, up side from mounting side) |
| | | GT17VB-6DP-DS(70)(Cable exit direction, down side from mounting side) |
| Black | GT17VA-6DS-HU | GT17VA-6DP-DS(70)(Cable exit direction, up side from mounting side) |
| | | GT17VC-6DP-DS(70)(Cable exit direction, down side from mounting side) |

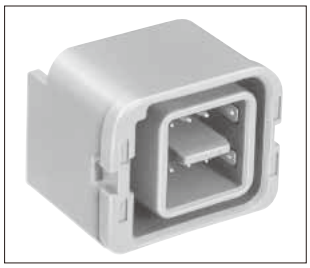
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# ■ 6 Pos. Printed Circuit Board Connectors

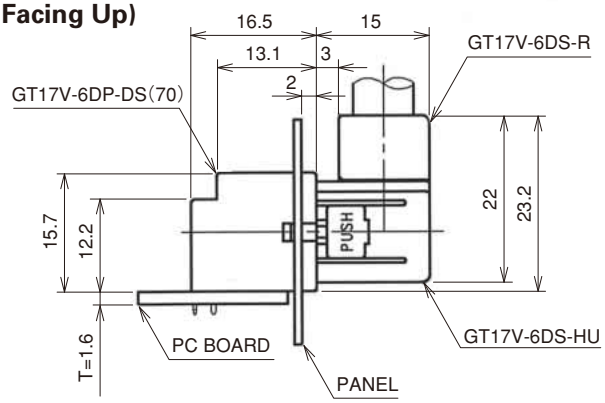
**◆By using two key codings for different purposes, incorrect insertion can be prevented.**

● Cable extraction facing up

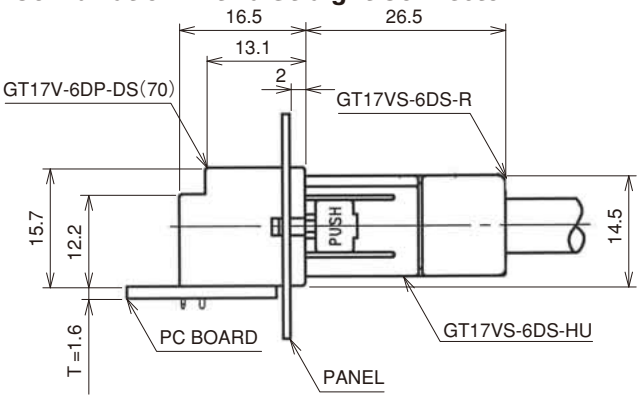


**GT17V-6DP-DS(70)**

**In Combination with a Right-angle Connector (Facing Up)**

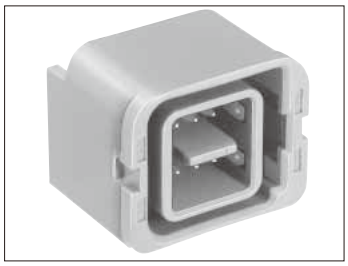



**In Combination with a Straight Connector**



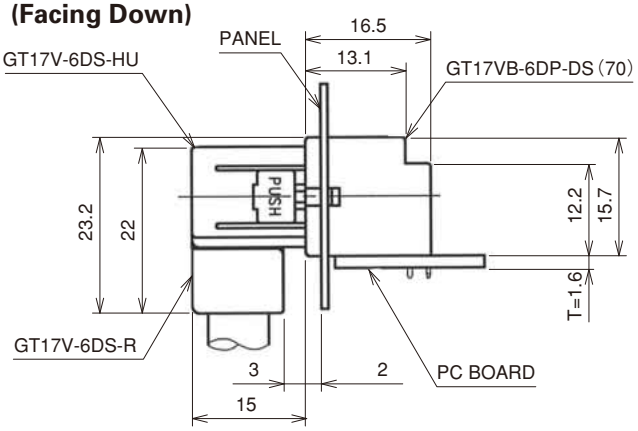

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DP-DS(70) | 767-0024-4 70 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

● Cable extraction facing down



**GT17VB-6DP-DS(70)**

**In Combination with a Right-angle Connector (Facing Down)**

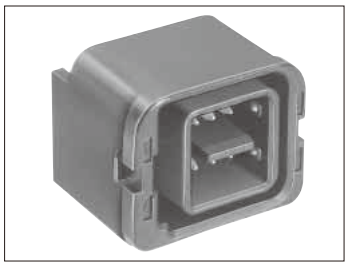



| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VB-6DP-DS(70) | 767-0032-2 70 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

# ■ 6 Pos. Printed Circuit Board Connectors

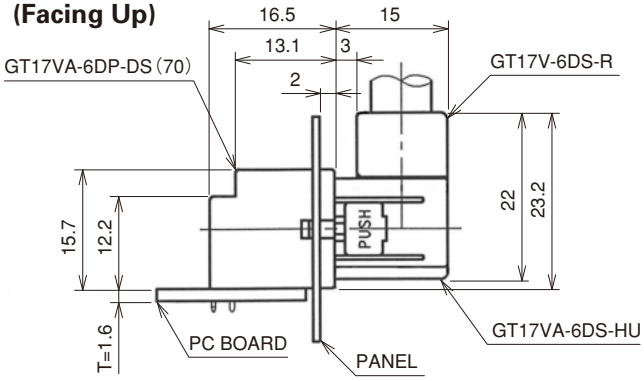
**◆By using two key codings for different purposes, incorrect insertion can be prevented.**

● Cable extraction facing up

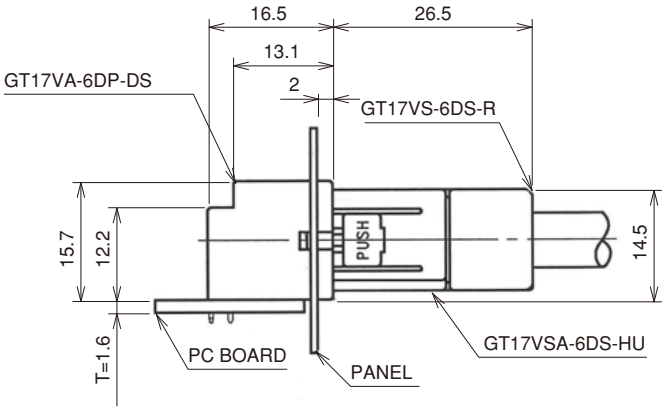


**GT17VA-6DP-DS(70)**

**In Combination with a Right-angle Connector (Facing Up)**




**In Combination with a Straight Connector**



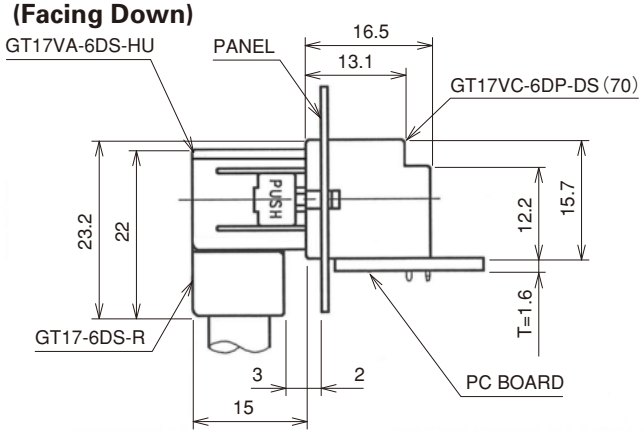

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VA-6DP-DS(70) | 767-0025-7 70 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

● Cable extraction facing down



**GT17VC-6DP-DS(70)**

**In Combination with a Right-angle Connector (Facing Down)**



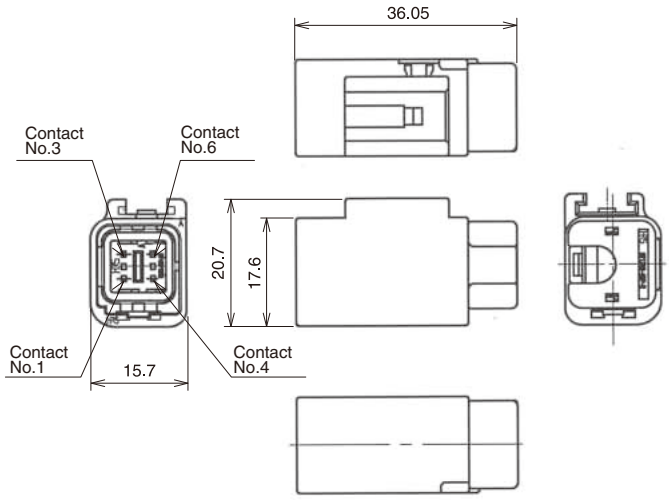

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VC-6DP-DS(70) | 767-0033-5 70 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

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# ■ 6 Pos. In-line Connectors






## ◆The product comprises 6 parts.
## (Housing, insulator, outer terminal, shield plate, retainer, and center terminal)

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VSN-6DP-HU | 767-0077-0 | PBT / Light Gray | 1 | YES |
| GT17VSV-6DP-HU | 767-0128-0 | | | |
| GT17VSNA-6DP-HU | 767-0326-3 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DP-2C | 767-0078-3 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-6DP-5CF | 767-0080-5 | Copper alloy / Tin plating | $\phi$4.8 to 5.0 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DP-SC | 767-0079-6 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DP-R | 767-0081-8 | PBT / Dark Gray | 1 | YES |

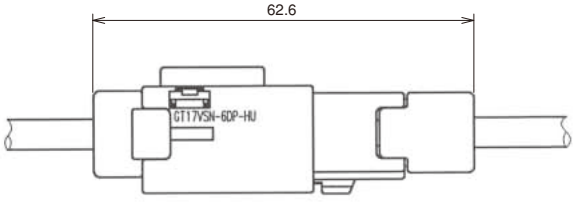
● Center terminal

Used with 6, and 10 Pos. cable

## ◆Mating Table

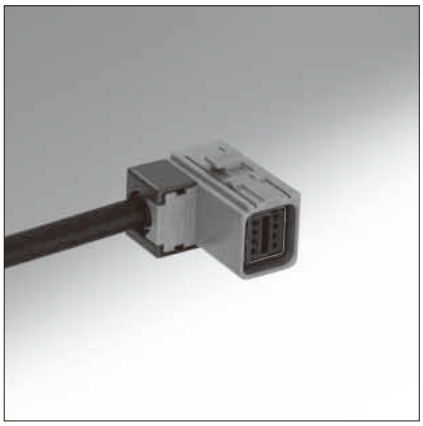
| Color | In-line Connector | Cable side Connector |
|---|---|---|
| Gray | GT17VSN-6DP-HU<br>GT17VSV-6DP-HU | GT17V-6DS-HU<br>GT17VS-6DS-HU |
| Black | GT17VSNA-6DP-HU | GT17VA-6DS-HU<br>GT17VSA-6DS-HU |

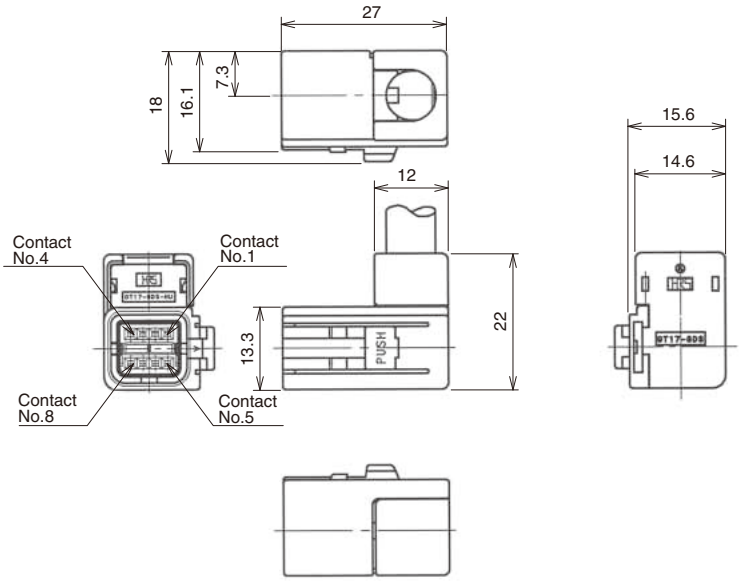
## ◆Mated Condition



# ■ 8 Pos. Right-angle Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17-8DS-HU | 767-0003-4 | PBT / Light Gray | 1 | YES |
| GT17A-8DS-HU | 767-0004-7 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17-8DS-2C | 767-0005-0 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17-8DS-7CF(70) | 767-0007-5 70 | Phosphor bronze / Tin plating | $\phi$6.8 to 7.2 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17-8DS-SC(70) | 767-0006-2 70 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17-8DS-R | 767-0008-8 | PBT / Dark Gray | 1 | YES |

● Center terminal

Used with 6,8, and 10 pos. cable

**◆Mating Table**

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17-8DS-HU | GT17V-8DP-DS(Cable exit direction, up side from mounting side) |
| | | GT17VB-8DP-DS(Cable exit direction, down side from mounting side) |
| | | GT17VB-8DP-DS-SB(Cable exit direction, down side from mounting side) |
| Black | GT17A-8DS-HU | GT17VA-8DP-DS(Cable exit direction, up side from mounting side) |
| | | GT17VC-8DP-DS(Cable exit direction, down side from mounting side) |
| | | GT17VC-8DP-DS-SB(Cable exit direction, down side from mounting side) |

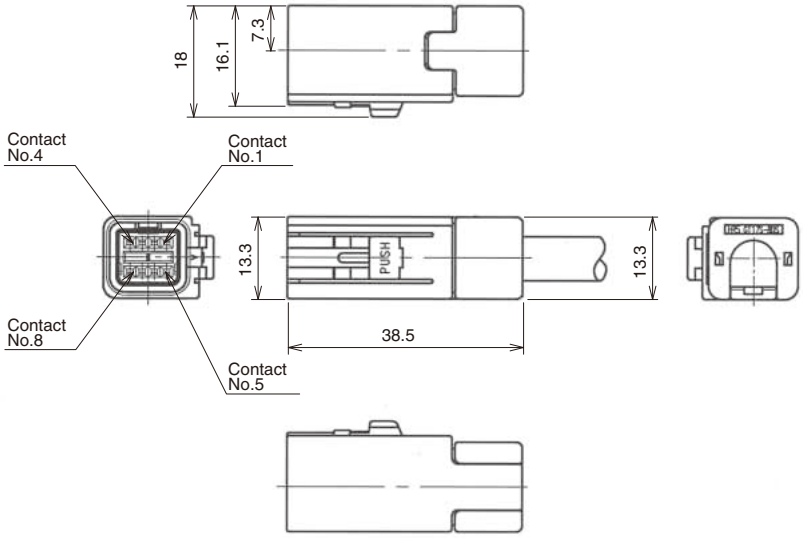
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# ■ 8 Pos. Straight Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17S-8DS-HU | 767-0108-2 | PBT / Light Gray | 1 | YES |
| GT17SA-8DS-HU | 767-0109-5 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17-8DS-2C | 767-0005-0 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17S-8DS-7CF | 767-0106-7 | Copper alloy / Tin plating | $\phi$6.8 to 7.2 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17S-8DS-SC | 767-0107-0 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17S-8DS-R | 767-0110-4 | PBT / Dark Gray | 1 | YES |

● Center terminal

Used with 6,8, and 10 pos. cable

**◆Mating Table**

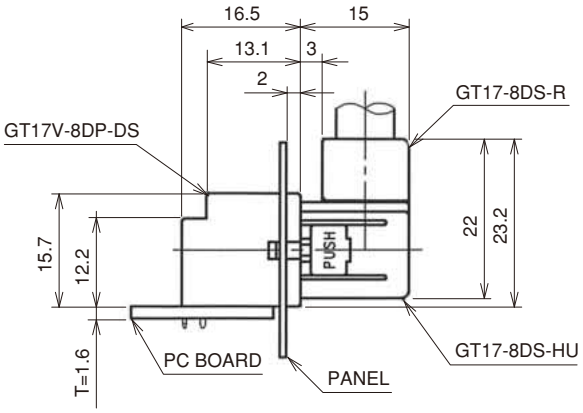
| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17S-8DS-HU | GT17V-8DP-DS |
| | | GT17VB-8DP-DS |
| | | GT17VB-8DP-DS-SB |
| Black | GT17SA-8DS-HU | GT17VA-8DP-DS |
| | | GT17VC-8DP-DS |
| | | GT17VC-8DP-DS-SB |

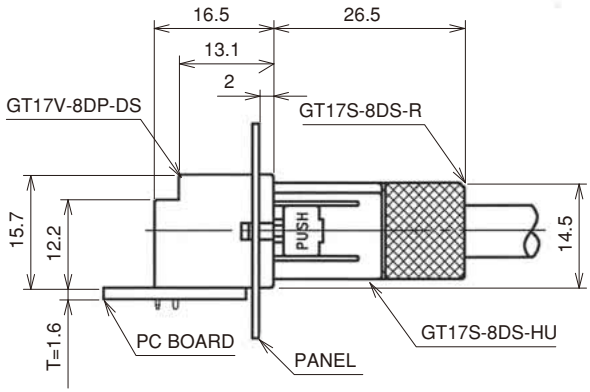
# ■ 8 Pos. Printed Circuit Board Connectors

● Cable extraction facing up



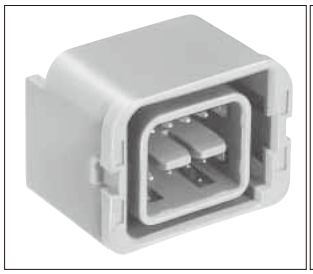
**GT17V-8DP-DS**



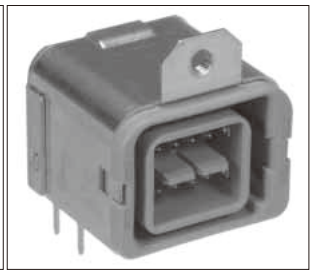




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-8DP-DS | 767-0139-6 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

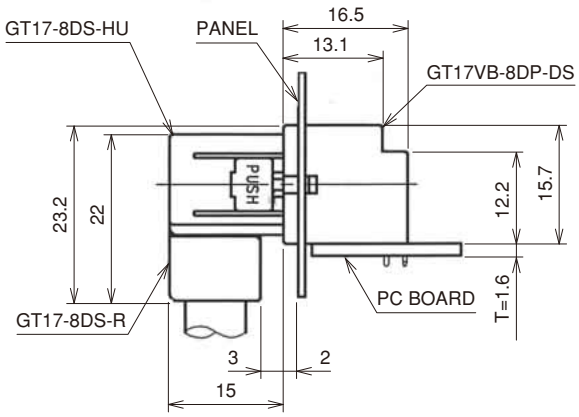
● Cable extraction facing down



**GT17VB-8DP-DS**



**GT17VB-8DP-DS-SB**
(with enhanced shielding type)




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VB-8DP-DS | 767-0185-3 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17VB-8DP-DS-SB | 767-0123-6 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield case: Brass /Tin plating | | |

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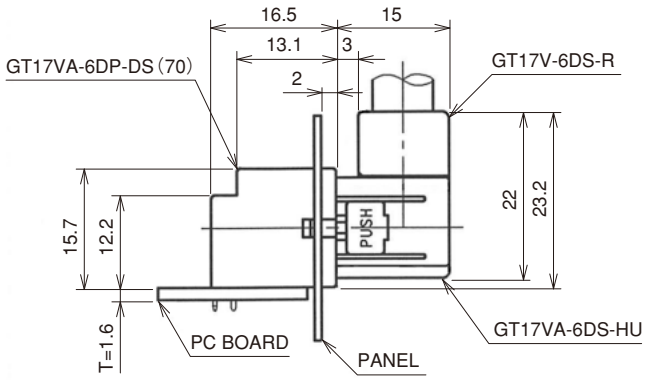
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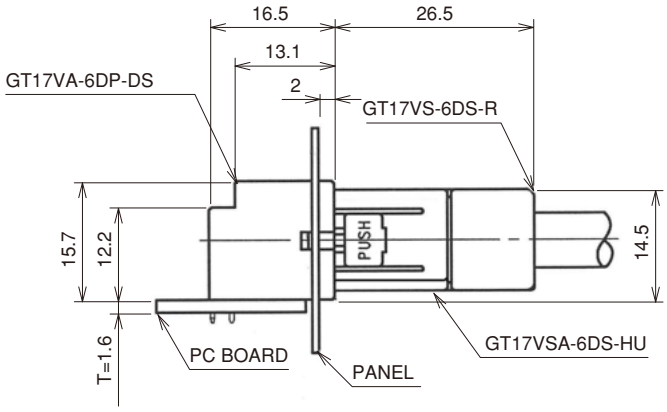
# ■ 8 Pos. Printed Circuit Board Connectors

●Cable extraction facing up



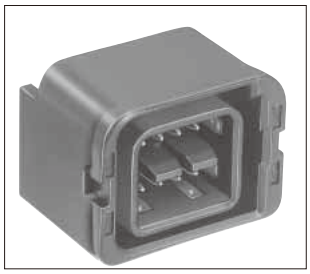
**GT17VA-8DP-DS**




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VA-8DP-DS | 767-0200-5 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |

●Cable extraction facing down

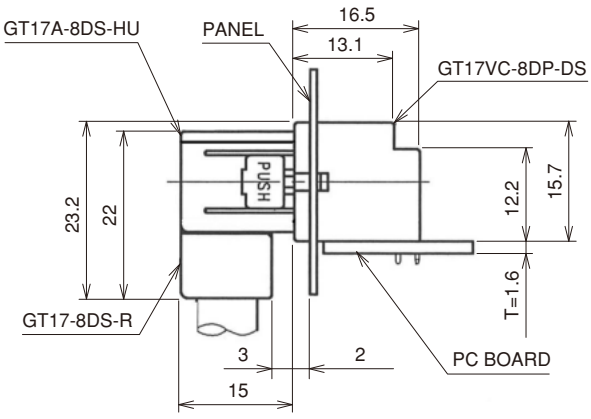


**GT17VC-8DP-DS**



**GT17VC-8DP-DS-SB**

(with enhanced shielding type)

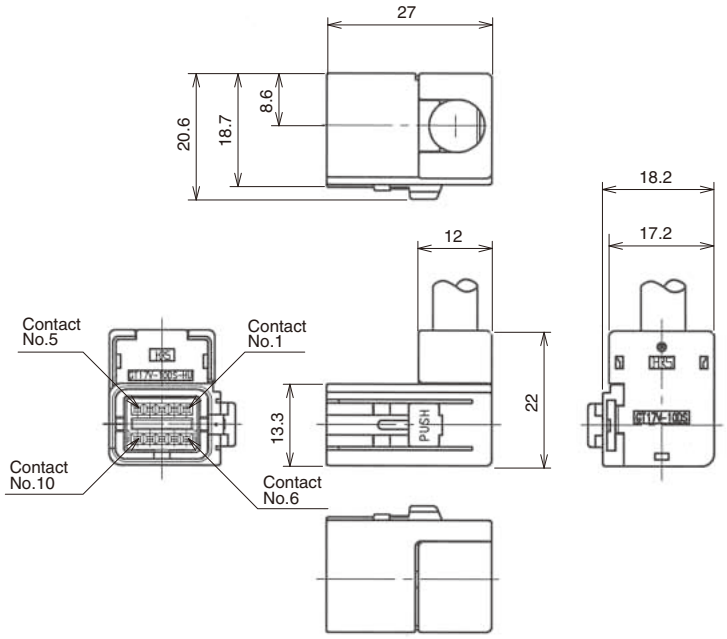



| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VC-8DP-DS | 767-0199-8 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17VC-8DP-DS-SB | 767-0124-9 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield Case: Brass /Tin plating | | |

# ■ 10 Pos. Right-angle Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DS-HU | 767-0039-1 | PBT / Light Gray | 1 | YES |
| GT17VA-10DS-HU | 767-0040-0 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DS-2C | 767-0036-3 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17V-10DS-8CF | 767-0037-6 | Copper alloy / Tin plating | $\phi$ 7.5 to 8 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DS-SC | 767-0038-9 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DS-R | 767-0041-3 | PBT / Dark Gray | 1 | YES |

● Center terminal

Used with 6,8, and 10 pos. cable

**◆Mating Table**

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17V-10DS-HU | GT17V-10DP-DS(70)(Cable exit direction, up side from mounting side) |
| | | GT17V-10DP-DSA(70)(Straight type) |
| | | GT17V-10DP-DS-SB(70)(Cable exit direction, up side from mounting side) |
| | | GT17V-10DP-DSA-SB(Straight type) |
| Black | GT17VA-10DS-HU | GT17VA-10DP-DS(70)(Cable exit direction, up side from mounting side) |
| | | GT17VA-10DP-DSA(70)(Straight type) |
| | | GT17VA-10DP-DS-SB(70)(Cable exit direction, up side from mounting side) |
| | | GT17VA-10DP-DSA-SB(Straight type) |

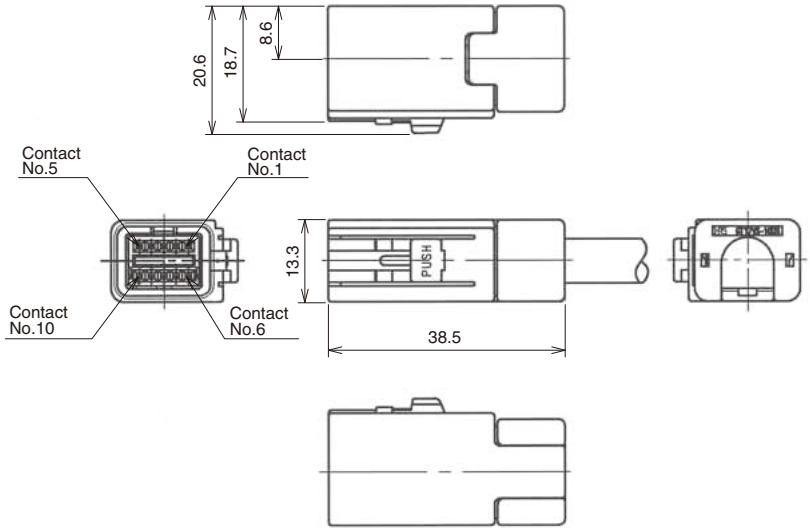
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# ■ 10 Pos. Straight Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-10DS-HU | 767-0061-0 | PBT / Light Gray | 1 | YES |
| GT17VSA-10DS-HU | 767-0062-3 | PBT / Black | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DS-2C | 767-0036-3 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-10DS-8CF | 767-0059-9 | Copper alloy / Tin plating | $\phi$ 7.5 to 8 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-10DS-SC | 767-0060-8 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-10DS-R | 767-0063-6 | PBT / Dark Gray | 1 | YES |

● Center terminal

Used with 6,8, and 10 pos. cable

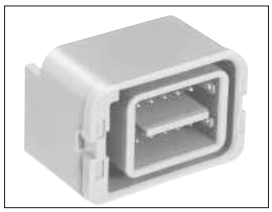
**◆Mating Table**

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17VS-10DS-HU | GT17V-10DP-DS (70) |
| | | GT17V-10DP-DSA (70) |
| | | GT17V-10DP-DS-SB (70) |
| | | GT17V-10DP-DSA-SB |
| Black | GT17VSA-10DS-HU | GT17VA-10DP-DS (70) |
| | | GT17VA-10DP-DSA (70) |
| | | GT17VA-10DP-DS-SB (70) |
| | | GT17VA-10DP-DSA-SB |

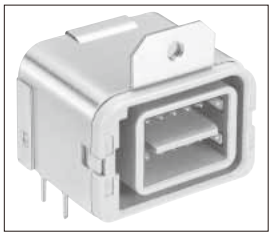
# ■ 10 Pos. Printed Circuit Board Connectors

**◆By using two key codings for different purposes, incorrect insertion can be prevented.**

● Right-angle type

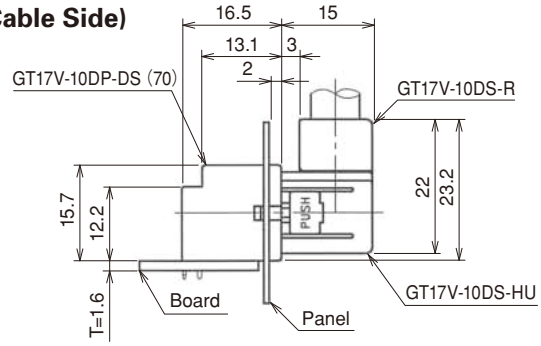


**GT17V-10DP-DS(70)**

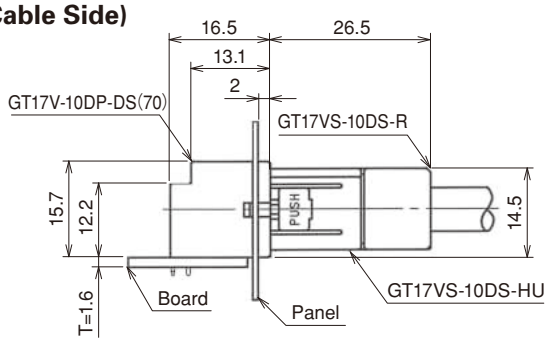


**GT17V-10DP-DS-SB(70)**
(with enhanced shielding type)

**In Combination with a Right-angle Connector (Cable Side)**

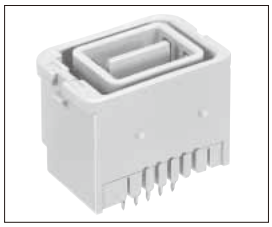



**In Combination with a Straight Connector (Cable Side)**

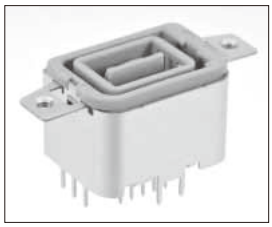



| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DP-DS(70) | 767-0034-8 70 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17V-10DP-DS-SB(70) | 767-0069-2 70 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield case: Brass /Tin plating | | |

●Straight-type

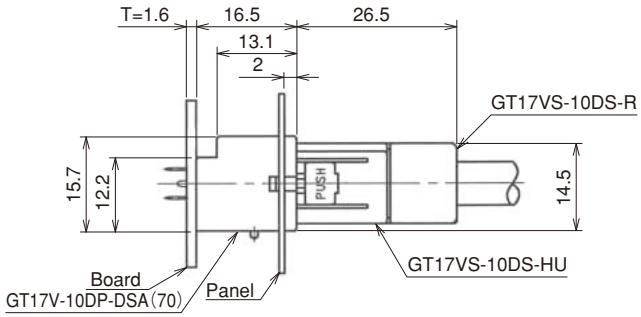


**GT17V-10DP-DSA(70)**



**GT17V-10DP-DSA-SB**
(with enhanced shielding type)

**In Combination with a Straight Connector (Cable Side)**




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DP-DSA(70) | 767-0067-7 70 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17V-10DP-DSA-SB | 767-0154-0 | Housing: PBT/Light Gray<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield case: Brass /Tin plating | | |

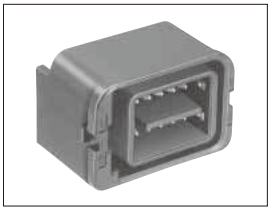
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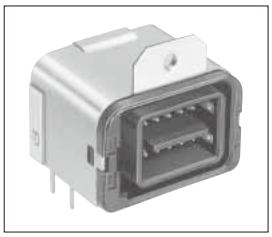
# ■ 10 Pos. Printed Circuit Board Connectors

**◈By using two key codings for different purposes, incorrect insertion can be prevented.**

●Right-angle type

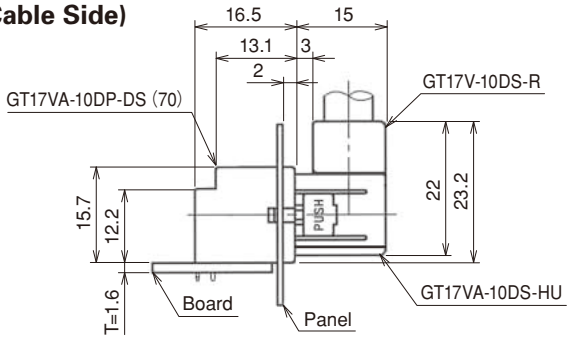


**GT17VA-10DP-DS(70)**

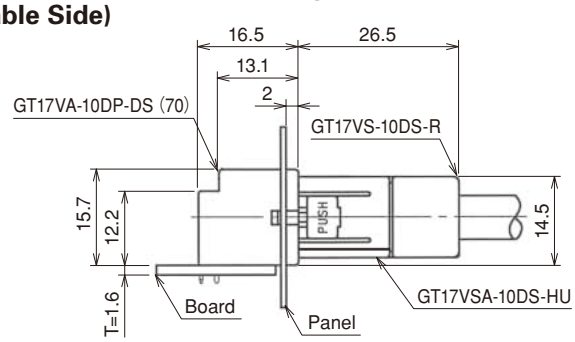


**GT17VA-10DP-DS-SB(70)**
(with enhanced shielding type)

**In Combination with a Right-angle Connector (Cable Side)**

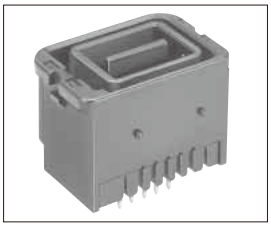



**In Combination with a Straight Connector (Cable Side)**




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VA-10DP-DS(70) | 767-0035-0 70 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17VA-10DP-DS-SB(70) | 767-0070-1 70 | Housing: PBT/Black<br>Center terminale: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield case: Brass /Tin plating | | |

●Straight-type

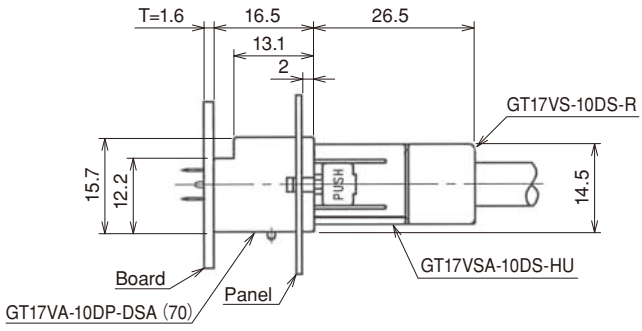


**GT17VA-10DP-DSA(70)**



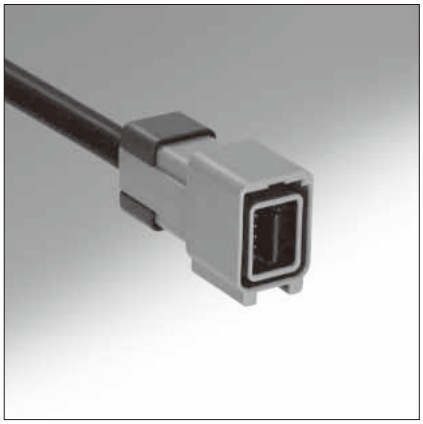
**GT17VA-10DP-DSA-SB**
(with enhanced shielding type)

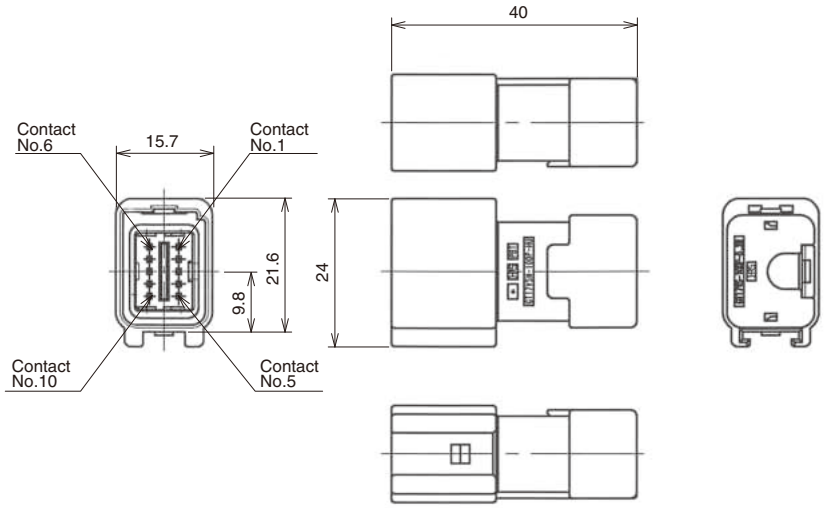
**In Combination with a Straight Connector (Cable Side)**




| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VA-10DP-DSA(70) | 767-0068-0 70 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating | 1 | YES |
| GT17VA-10DP-DSA-SB | 767-0174-7 | Housing: PBT/Black<br>Center terminal: Brass /Tin plating<br>Outer terminal: Copper alloy /Tin plating<br>Shield case: Brass /Tin plating | | |

# ■ 10 Pos. In-line Connectors






## ◆The product comprises 6 parts.
## (Housing, insulator case, outer terminal, shield plate, retainer, and center terminal)

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VSN-10DP-HU | 767-0115-8 | PBT / Light Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-10DP-2C | 767-0112-0 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-10DP-5.2CF | 767-0114-5 | Copper alloy / Tin plating | ϕ5.0 to 5.4 | 1,224 pcs/pack | YES |
| GT17VS-10DP-8CF | 767-0130-1 | | ϕ7.5 to 8.0 | | |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-10DP-SC | 767-0113-2 | Copper alloy / Tin plating | 1,224 pcs/pack | YES |

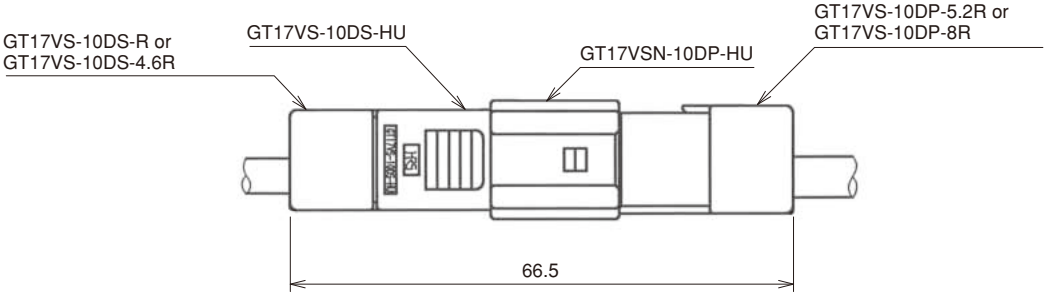
● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-10DP-5.2R | 767-0111-7 | PBT / Dark Gray | 1 | YES |
| GT17VS-10DP-8R | 767-0131-4 | | | |

● Center terminal

Used with 6, and 10 pos. cable

## ◆Mated condition

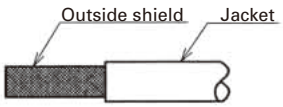



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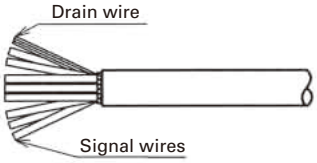
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## ◆Wiring Method

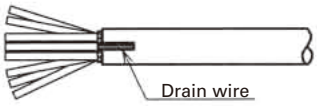
① **Strip the Jacket.**



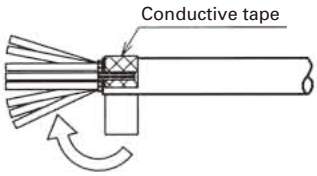

② **Cut the shield and intermediate material to expose the wire and braid.**



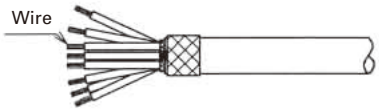

③ **Bend back the drain wire over the Jacket.**



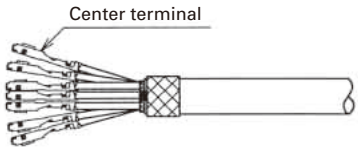

④ **Wrap with conductive tape.**



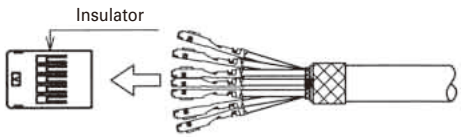

⑤ **Strip the wire leads.**




⑥ **Crimp the center terminals.**

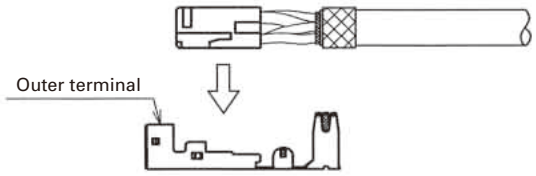



⑦ **Insert the center terminals into the insulator.**

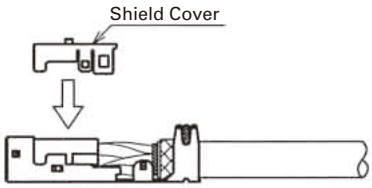



**GT17V-10DS-HU Harness Finish**

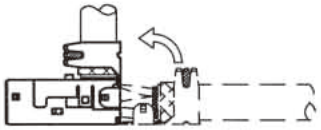
⑧ **Insert the insulator into the Outer terminal.**



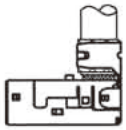

⑨ **Insert the Shield Cover.**



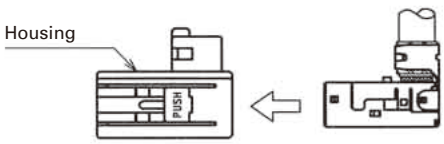

⑩ **Fold back the Outer terminal.**



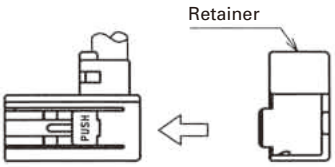
⑪ **Crimp the Outer terminal.**



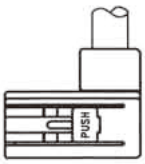
⑫ **Insert the Outer terminal into the housing.**




⑬ **Insert the retainer.**



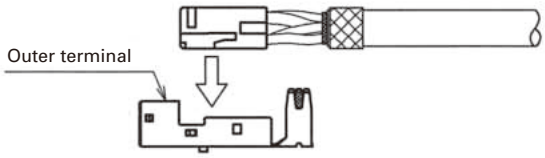

⑭ **Completion**



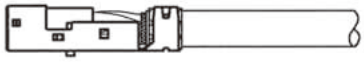

*Crimp height setting tables are available for each cable type. Please contact your nearest Hirose Electric account representative.
Different cables will require different crimp height settings.

**GT17VS-10DS-HU Harness Finish**

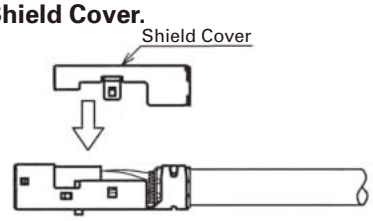
⑧ **Insert the insulator into the Outer terminal.**



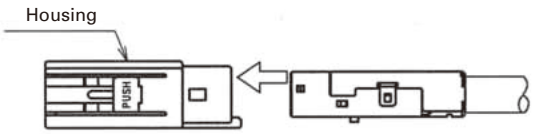

⑨ **Crimp the Outer terminal.**



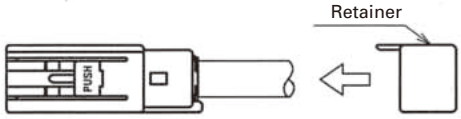
⑩ **Insert the Shield Cover.**



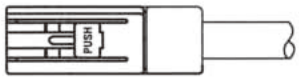

⑪ **Insert the Outer terminal into the housing.**




⑫ **Insert the retainer.**




⑬ **Completion**



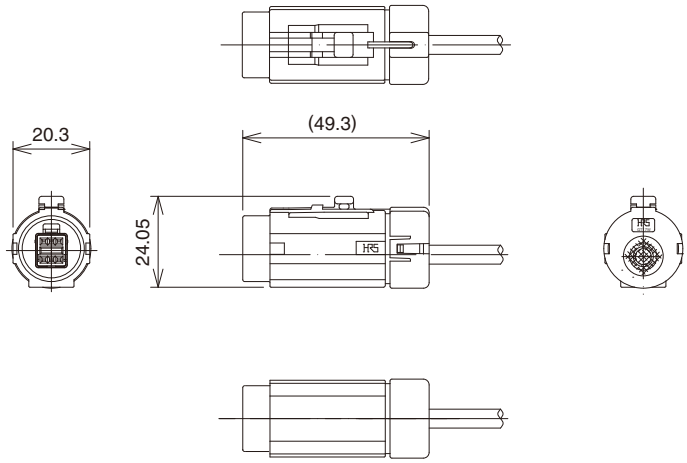

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# ■ 6 pos. In-line Type (Waterproof Type)

## ● F Connectors






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17W-6S-HU | 767-0214-0 | PBT / Light Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DS-2C | 767-0026-0 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-6DS-5CF | 767-0050-4 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DS-SC | 767-0049-5 | Copper alloy / Tin plating | 1 | YES |

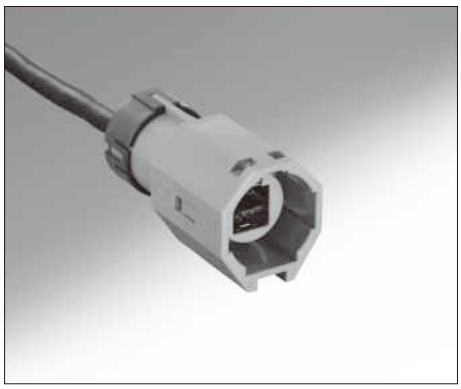
● Retainer

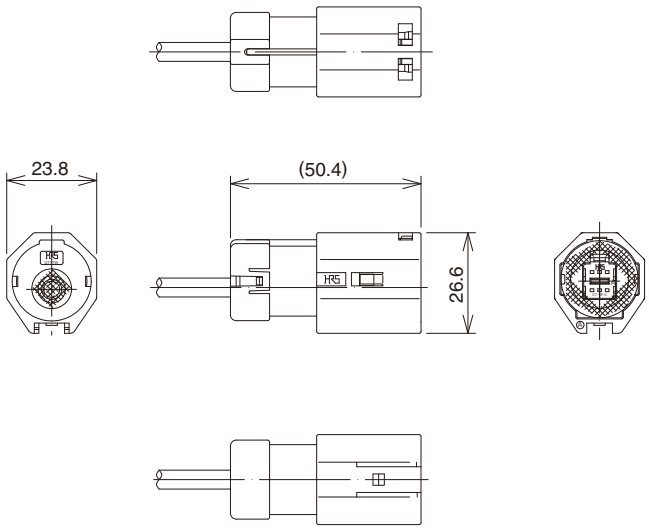
| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17W-1P/S-R | 767-0216-5 | PBT / Dark Gray<br>Silicon/White | 1 | YES |

● Center terminal

Used with 6,8 and 10 Pos. cable

# ■ M Connectors






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, and center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17W-6PP-HU | 767-0215-2 | PBT / Light Gray<br>Silicon / White | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17V-6DP-2C | 767-0078-3 | PBT / Dark Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17VS-6DP-5CF | 767-0080-5 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17VS-6DP-SC | 767-0079-6 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17W-1P/S-R | 767-0216-5 | PBT / Dark Gray<br>Silicon / White | 1 | YES |

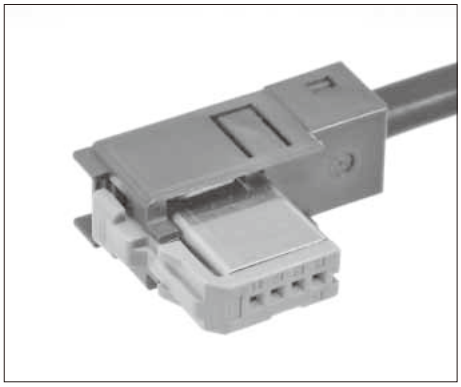
● Center terminal

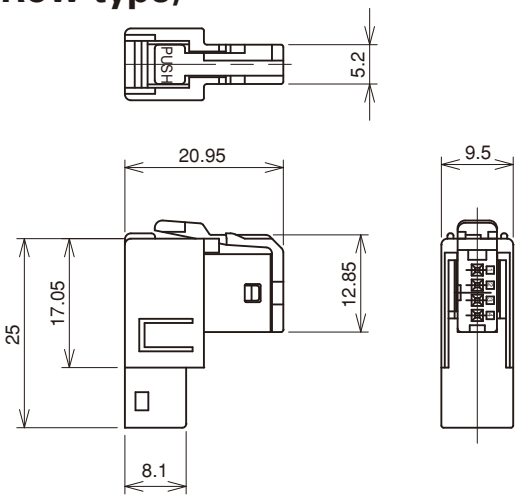
Used with 6, and 10 Pos. cable

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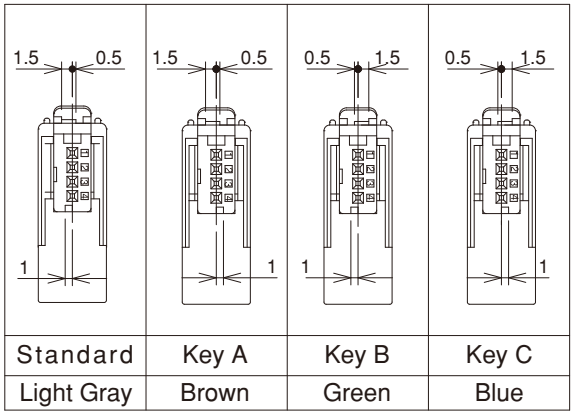
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# ■ 4 pos. Right-angle Connector (1 Row type)






Key Variation




| Standard | Key A | Key B | Key C |
|---|---|---|---|
| Light Gray | Brown | Green | Blue |

**◆The product comprises 5 parts.**
**(Housing, insulator, outer terminal, retainer, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | Remarks | RoHS |
|---|---|---|---|---|---|
| GT17H-4S-HU | 767-0085-9 | PBT / Dark Gray | 1 | ——— | YES |
| GT17H2-4S-HU | 767-0245-3 | | | With lock guard | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17H-4S-2C | 767-0084-6 | PBT / Light Gray | 1 | YES |
| GT17H-4S-2C(A) | 767-0167-1 | PBT / Brown | | |
| GT17H-4S-2C(B) | 767-0168-4 | PBT / Green | | |
| GT17H-4S-2C(C) | 767-0169-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17H-4S-5CF | 767-0087-4 | Copper alloy / Tin plating | ϕ4.8 to 5.2 | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17H-4S-R | 767-0086-1 | PBT / Dark Gray | 1 | YES |

● Center terminal

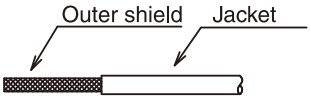
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | ϕ0.8 to 1.5 | 10,000 pcs/reel | YES |

**◆Mating Table**

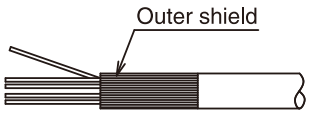
| Color | Cable side connector | Board connector | | |
|---|---|---|---|---|
| | | SMT Type | DIP Type | |
| | | | Angle Type | Straight Type |
| Light Gray | GT17H-4S-ASSY | GT17H-4P-2H/GT17HR-4P-2H | GT17H-4P-2DS | GT17H-4P-2DSA |
| Brown | GT17H-4S-ASSY(Key typeA) | GT17H-4P-2H(A) | GT17H-4P-2DS(A) | GT17H-4P-2DSA(A) |
| Green | GT17H-4S-ASSY(Key typeB) | GT17H-4P-2H(B) | GT17H-4P-2DS(B) | GT17H-4P-2DSA(B) |
| Blue | GT17H-4S-ASSY(Key typeC) | GT17H-4P-2H(C) | GT17H-4P-2DS(C) | GT17H-4P-2DSA(C) |

## ◆ Wiring Method (4 Pos. Right-angle 1 Row Type)

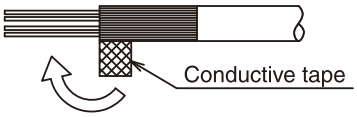
① **Strip Jacket.**



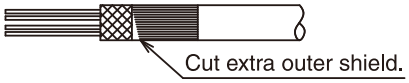

② **Turn Outer shield to Backward.**



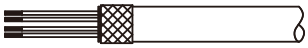

③ **Cover the cable by conductive tape.**



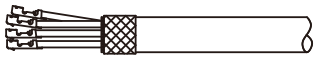

④ **Cut extra outer shield.**



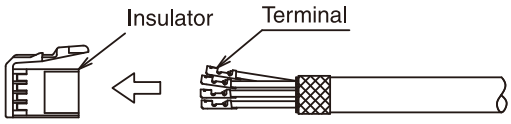

⑤ **Strip Jacket.**



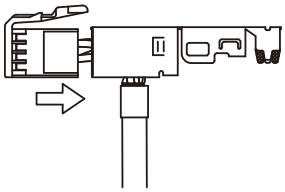
⑥ **Crimp the terminal.**



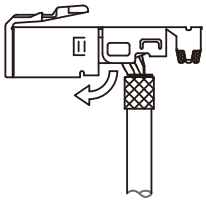
⑦ **Insert center terminal to the insulator.**



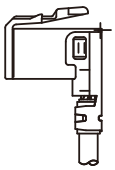

⑧ **Insert insulator to the outer terminal.**



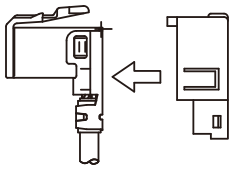
⑨ **Bent the outer tube terminal.**



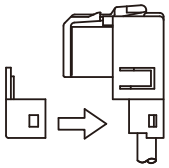
⑩ **Crimp the outer tube terminal.**



⑪ **Insert the assembled outer tube terminal to the housing.**



⑫ **Set the Retainer.**



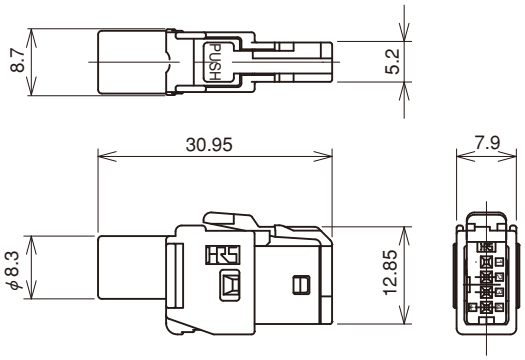
* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
Please note that new crimp height settings will be made for new cables and that this might take several days.
terminal insertion jig(GT17-4S/PR-MD)

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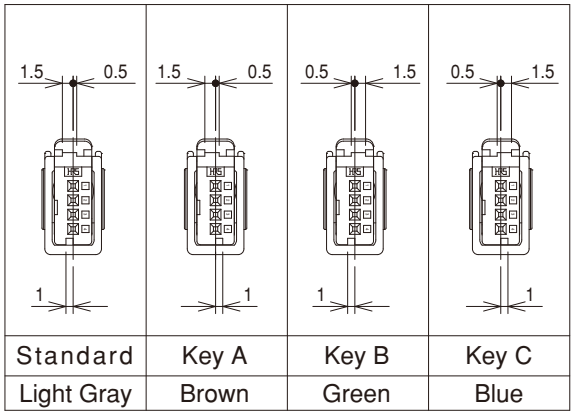
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# ■ 4 Pos. Straight Connectors (1 Row type)






Key Variation




| Standard | Key A | Key B | Key C |
|---|---|---|---|
| Light Gray | Brown | Green | Blue |

**◆The product comprises 4 parts.**
**(Housing, insulator, outer terminal, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | Remarks | RoHS |
|---|---|---|---|---|---|
| GT17HS-4S-HU | 767-0133-0 | PBT / Dark Gray | 1 | ——— | YES |
| GT17HSK-4S-HU | 767-0244-0 | | | With lock guard | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17H-4S-2C | 767-0084-6 | PBT / Light Gray | 1 | YES |
| GT17H-4S-2C(A) | 767-0167-1 | PBT / Brown | | |
| GT17H-4S-2C(B) | 767-0168-4 | PBT / Green | | |
| GT17H-4S-2C(C) | 767-0169-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HS-4S-5CF | 767-0135-5 | Copper alloy / Tin plating | φ4.8 to 5.2 | 1 | YES |

● Center terminal

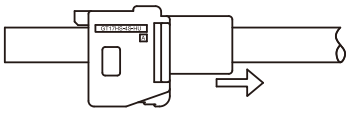
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | φ0.8 to 1.5 | 10,000 pcs/reel | YES |

**◆Mating Table**

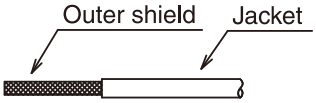
| Color | Cable side connector | Board connector | | |
|---|---|---|---|---|
| | | SMT Type | DIP Type | |
| | | | Angle Type | Straight Type |
| Light Gray | GT17H-4S-ASSY | GT17H-4P-2H/GT17HR-4P-2H | GT17H-4P-2DS | GT17H-4P-2DSA |
| Brown | GT17H-4S-ASSY(Key typeA) | GT17H-4P-2H(A) | GT17H-4P-2DS(A) | GT17H-4P-2DSA(A) |
| Green | GT17H-4S-ASSY(Key typeB) | GT17H-4P-2H(B) | GT17H-4P-2DS(B) | GT17H-4P-2DSA(B) |
| Blue | GT17H-4S-ASSY(Key typeC) | GT17H-4P-2H(C) | GT17H-4P-2DS(C) | GT17H-4P-2DSA(C) |

## ◆ Wiring Method (4 Pos. Straight 1 RowType)

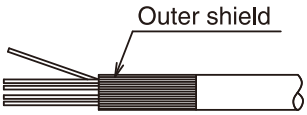
① **Insert housing to the cable.**



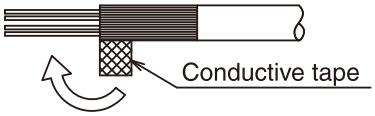
② **Strip Jacket.**



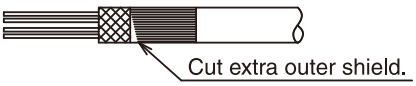

③ **Turn Outer shield to backward.**



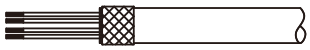

④ **Cover the cable by conductive tape.**



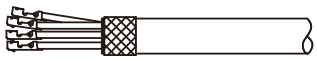

⑤ **Cut extra outer shield.**



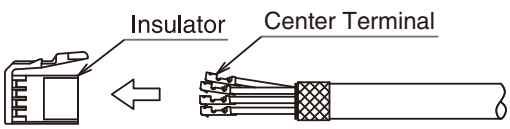

⑥ **Strip Jacket.**



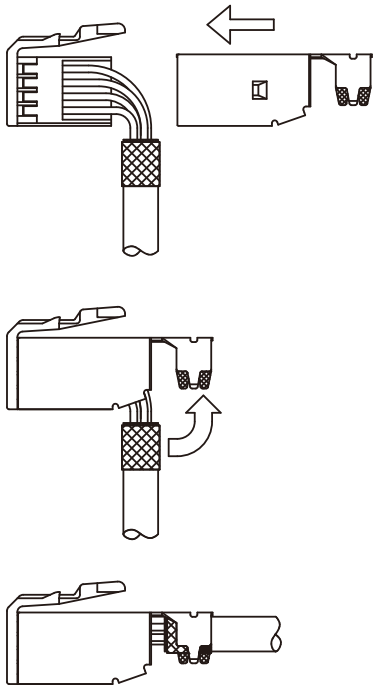
⑦ **Crimp the terminal.**



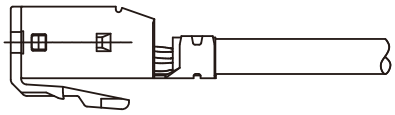
⑧ **Insert terminal to the Insulator.**



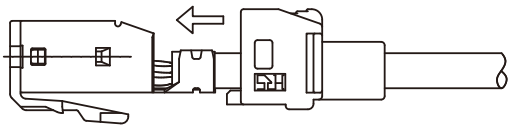

⑨ **Set outer tube terminal to the insulator.**



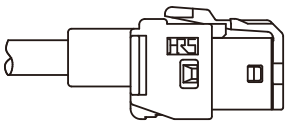
⑩ **Crimp outer terminal.**



⑪ **Slide up housing to outer terminal.**



⑫ **Finish.**



* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
Please note that new crimp height settings will be made for new cables and that this might take several days.
terminal insertion jig(GT17-4S/PR-MD)

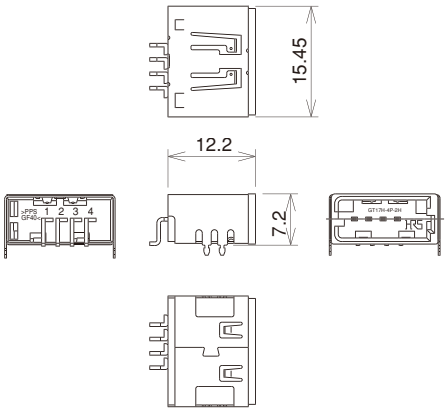
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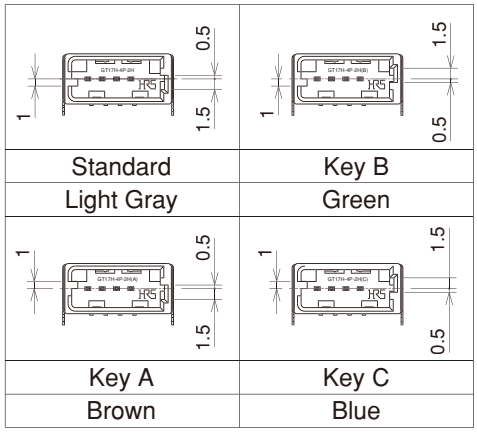
## ■ 4 Pos. Board Connectors (1 Row type, Right-angle SMT Type, Right side key)



GT17H-4P-2H




Key Variation



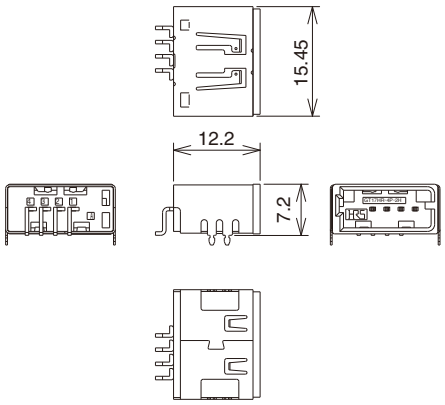

| Standard | Key B |
|---|---|
| Light Gray | Green |
| Key A | Key C |
| Brown | Blue |

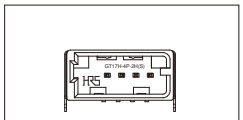
| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17H-4P-2H | 767-0083-3 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 400 pcs/reel | YES |
| GT17H-4P-2H(A) | 767-0170-6 | Brown | | | |
| GT17H-4P-2H(B) | 767-0171-9 | Green | | | |
| GT17H-4P-2H(C) | 767-0172-1 | Blue | | | |

## ■ 4 Pos. SMT Connector(1 Row type, Left side key)



GT17HR-4P-2H



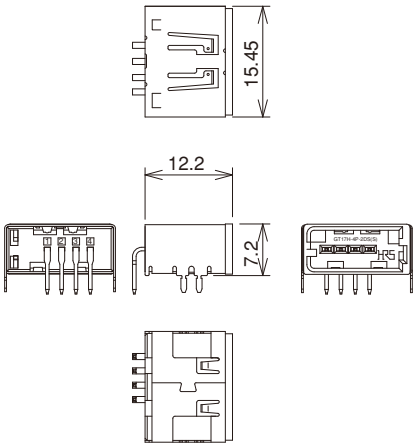
| Standard |
|---|
| Light Gray |

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HR-4P-2H | 767-0146-1 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 400 pcs/reel | YES |

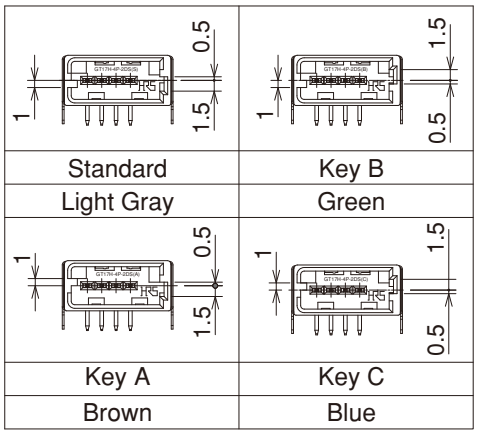
## ■ 4 Pos. Printed Circuit Board Connector (Right angle DIP type)



GT17H-4P-2DS




Key Variation



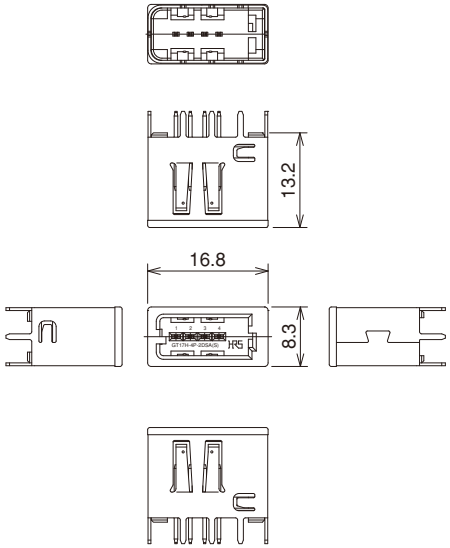

| Standard | Key B |
|---|---|
| Light Gray | Green |
| Key A | Key C |
| Brown | Blue |

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17H-4P-2DS | 767-0166-9 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 300pcs/reel | YES |
| GT17H-4P-2DS(A) | 767-0210-9 | Brown | | | |
| GT17H-4P-2DS(B) | 767-0211-1 | Green | | | |
| GT17H-4P-2DS(C) | 767-0212-4 | Blue | | | |

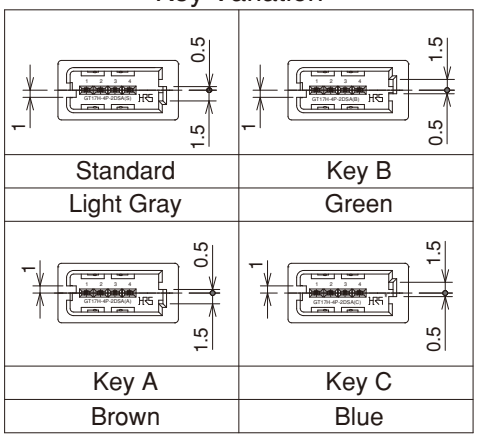
## ■ 4 Pos. Printed Circuit Board Connector (Straight DIP type)



GT17H-4P-2DSA




Key Variation



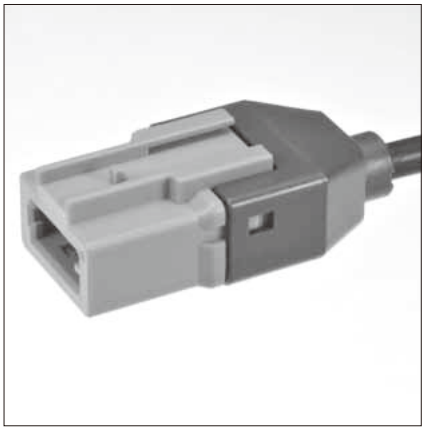

| Standard | Key B |
|---|---|
| Light Gray | Green |
| Key A | Key C |
| Brown | Blue |

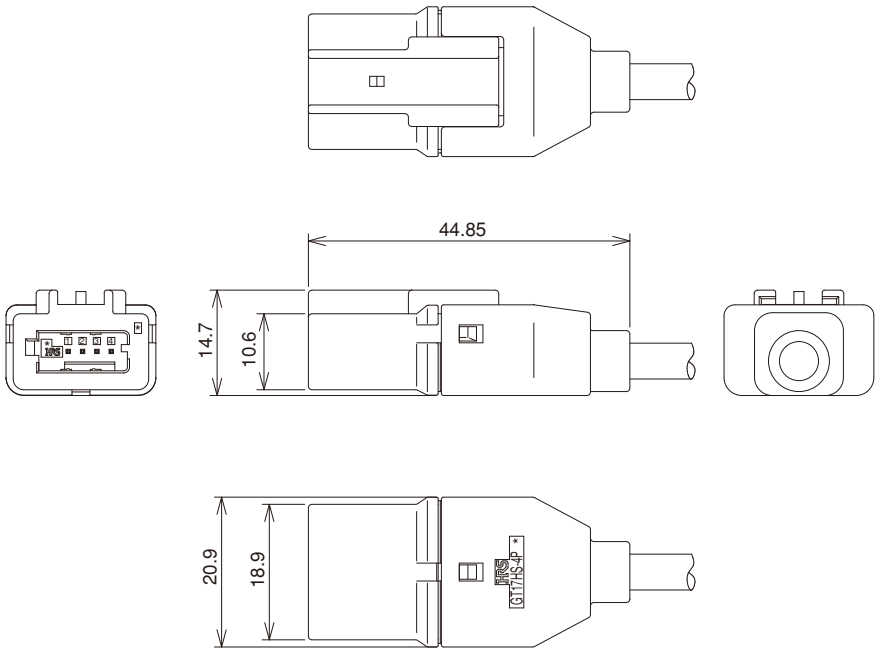
| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17H-4P-2DSA | 767-0181-2 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |
| GT17H-4P-2DSA(A) | 767-0182-5 | Brown | | | |
| GT17H-4P-2DSA(B) | 767-0183-8 | Green | | | |
| GT17H-4P-2DSA(C) | 767-0184-0 | Blue | | | |

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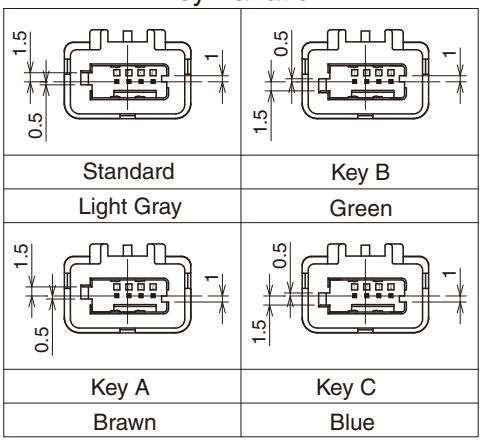
# ■ 4 Pos. In-line Connectors






**◆The product comprises 6 parts.**
**(Housing, insulator, outer terminal, shield plate, retainer, and center terminal)**

Key Variation




| Standard | Key B |
|---|---|
| Light Gray | Green |
| Key A | Key C |
| Brawn | Blue |

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HSP-4P-HU | 767-0158-0 | PBT / Light Gray | 1 | YES |
| GT17HSP-4P-HU(A) | 767-0192-9 | PBT / Brown | | |
| GT17HSP-4P-HU(B) | 767-0193-1 | PBT / Green | | |
| GT17HSP-4P-HU(C) | 767-0194-4 | PBT / Blue | | |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HS-4P-2C | 767-0155-2 | PBT / Light Gray | 1 | YES |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HS-4P-5CF | 767-0156-5 | Copper alloy / Tin plating | ϕ4.8 to 5.2 | 800 pcs/reel | YES |

● Shield plate

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HS-4P-SC | 767-0157-8 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HS-4P-R | 767-0159-3 | PBT / Dark Gray | 1 | YES |

● Center terminal

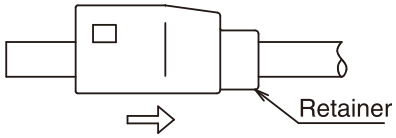
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8E-2428PCF | 758-0067-6 | Phosphor Bronze / Tin plating | 24 to 28 AWG | ϕ0.9 to 1.1 | 10,000 pcs/reel | YES |

**◆Mating Table**

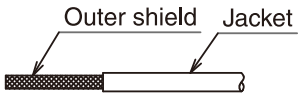
| Color | GT17HS-4Pos In-line connector | Cable side F connector |
|---|---|---|
| Light Gray | GT17HSP-4P-ASSY | GT17H-4S-ASSY |
| Brown | GT17HSP-4P-ASSY(Key typeA) | GT17H-4S-ASSY(Key typeA) |
| Green | GT17HSP-4P-ASSY(Key typeB) | GT17H-4S-ASSY(Key typeB) |
| Blue | GT17HSP-4P-ASSY(Key typeC) | GT17H-4S-ASSY(Key typeC) |

## ◆ Wiring Method (4 Pos. In-line Connector)

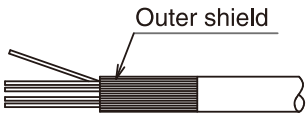
① **Insert retainer to the cable.**



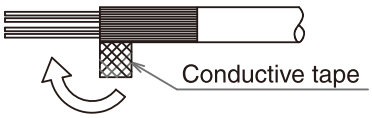

② **Strip Jacket.**



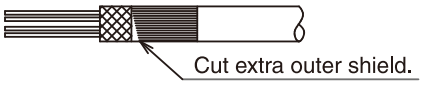

③ **Turn Outer shield to backward.**



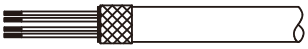

④ **Cover the cable by conductive tape.**



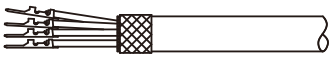

⑤ **Cut extra outer shield.**



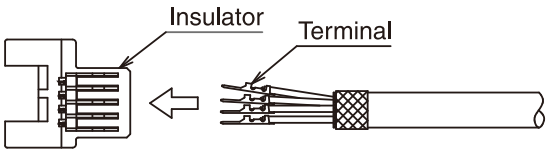

⑥ **Strip Jacket.**



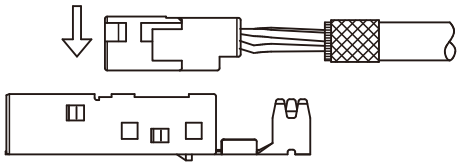
⑦ **Crimp the terminal.**



⑧ **Insert terminal to the Insulator.**



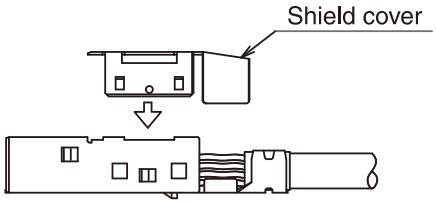

⑨ **Set the insulator to the outer tube terminal.**



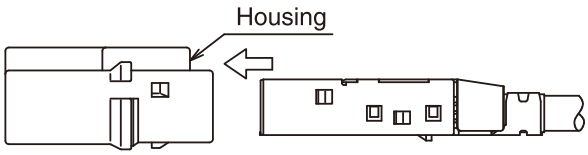
⑩ **Crimp the outertube terminal.**



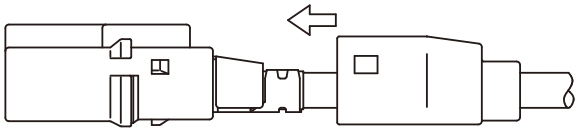
⑪ **Set the shield cover to the outer tube terminal.**



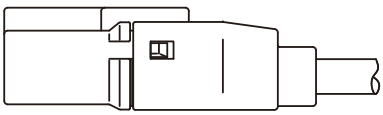

⑫ **Insert the outer tube terminal to the housing.**




⑬ **Slide up the retainer to the housing.**



⑭ **Finish**



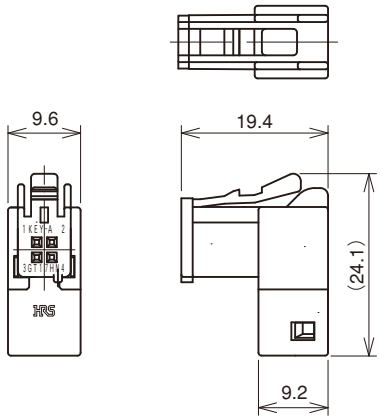
* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
Please note that new crimp height settings will be made for new cables and that this might take several days.

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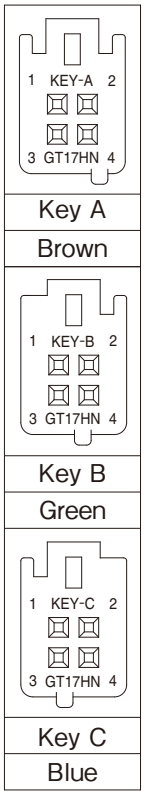
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# ■ 4 Pos. Right-angle Connectors






Key Variation




**◆The product comprises 5 parts.**
**(Housing, insulator, outer terminal, retainer, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-HU | 767-0141-8 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DS-5CF | 767-0142-0 | Copper alloy / Tin plating | ϕ4.8 to 5.2 | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-R | 767-0143-3 | PBT / Dark Gray | 1 | YES |

● Center terminal

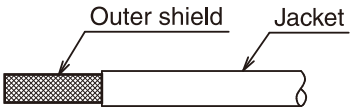
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | ϕ0.8 to 1.5 | 10,000 pcs/reel | YES |

## ◆ Mating Table

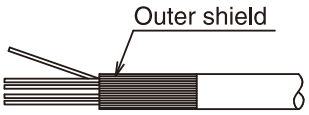
| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HN-4DS-ASSY (Key typeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HN-4DS-ASSY (Key typeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HN-4DS-ASSY (Key typeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

## ◆ Wiring Method (4-Conductor Right-angle Connectors)

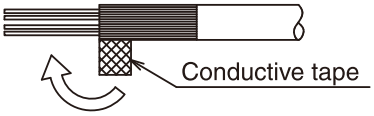
① **Strip Jacket.**



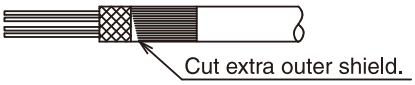

② **Turn Outer shield to backward.**



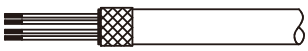

③ **Cover the cable by conductive tape.**



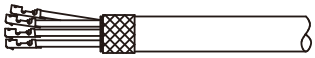

④ **Cut extra outer shield.**



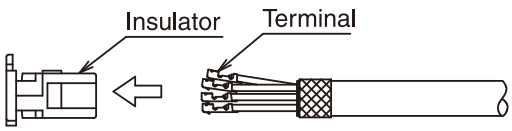

⑤ **Strip Jacket.**



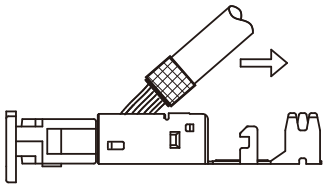
⑥ **Crimp the terminal.**



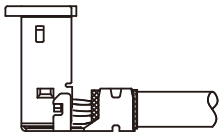
⑦ **Insert terminal to the Insulator.**



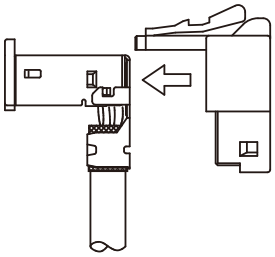

⑧ **Insert insulator to the Outer tube terminal.**



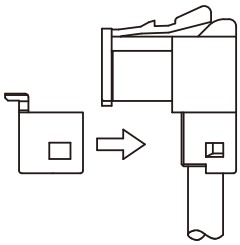
⑨ **Crimp the outer tube terminal.**



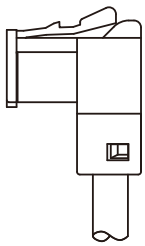
⑩ **Insert the assembled outer tube terminal to the housing.**



⑪ **Set the Retainer.**



⑫ **Finish.**



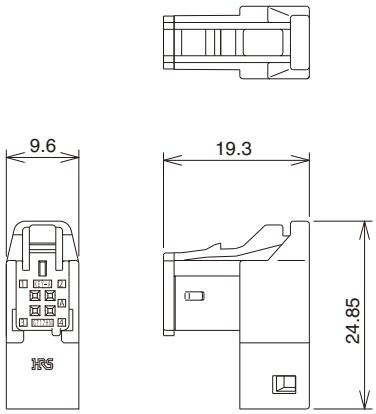
* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
Please note that new crimp height settings will be made for new cables and that this might take several days.

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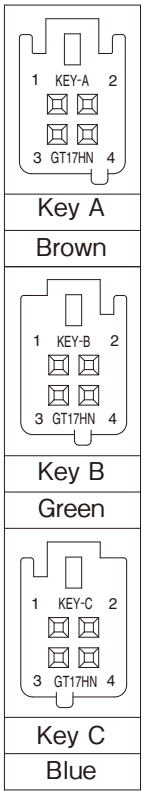
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# ■ 4 Pos. Right-angle Connectors (downward) With lock guard






Key Variation




**◆The product comprises 5 parts.**
**(Housing, insulator, outer terminal, retainer, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN2-4DS-HU | 767-0264-8 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNX-4DS-5CF | 767-0179-0 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN2-4DS-R | 767-0268-9 | PBT / Dark Gray | 1 | YES |

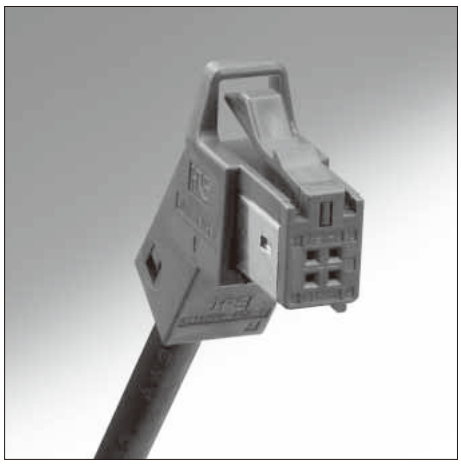
● Center terminal

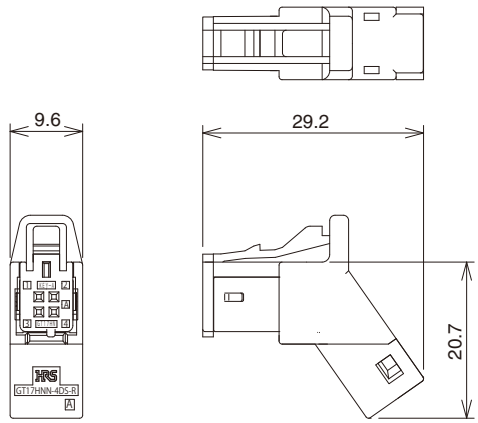
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

## ◆ Mating Table

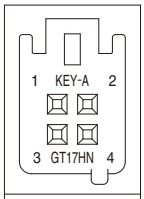
| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HN2-4DS-ASSY(Key typeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HN2-4DS-ASSY(Key typeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HN2-4DS-ASSY(Key typeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

# Plug Connectors
## 4 Pos. 45 degree angle type

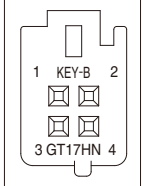




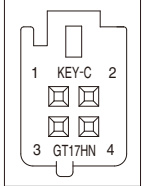

Key Variation




Key A
Brown




Key B
Green




Key C
Blue

**◆The product comprises 5 parts.**
**(Housing, insulator, outer terminal, retainer, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNN-4DS-HU | 767-0187-9 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNN-4DS-5CF | 767-0189-4 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNN-4DS-R | 767-0188-1 | PBT / Dark Gray | 1 | YES |

● Center terminal

| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

### ◆ Mating Table

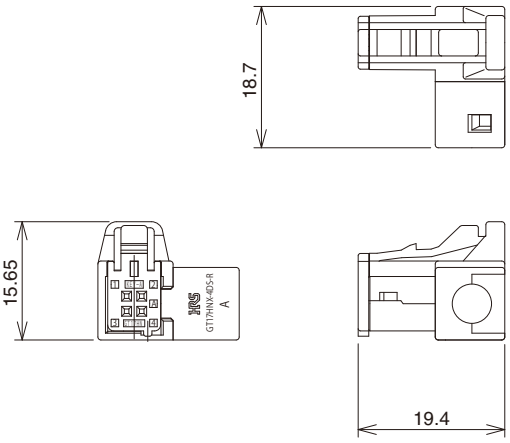
| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HNN-4DS-ASSY(Key typeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HNN-4DS-ASSY(Key typeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HNN-4DS-ASSY(Key typeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

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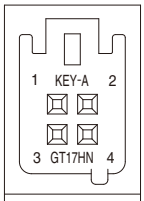
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# ■ Plug
## 4 Pos. Right angle (leftward)

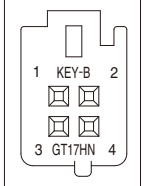




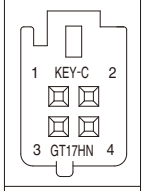

Key Variation




Key A
Brown




Key B
Green




Key C
Blue

**◆The product comprises 5 parts.**
**(Housing, insulator, outer terminal, retainer, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNL-4DS-HU | 767-0302-5 00 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNL-4DS-5CF | 767-0301-2 00 | Copper alloy / Tin plating | 1 | YES |

● Retainer

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNX-4DS-R | 767-0180-0 00 | PBT / Dark Gray | $\phi$4.8 to 5.2 | 1 | YES |

● Center terminal

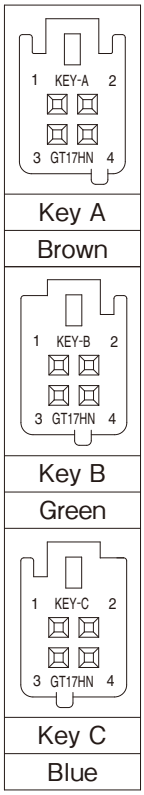
| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

## ◆ Mating Table

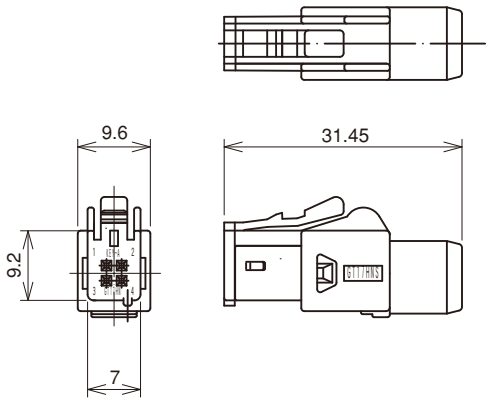
| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HNL-4DS-ASSY(Key TypeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HNL-4DS-ASSY(Key TypeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HNL-4DS-ASSY(Key TypeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

# ■ 4-Conductor Straight Connectors

Key Variation






**◆The product comprises 4 parts.**
**(Housing, insulator, outer terminal, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNS-4DS-HU | 767-0150-9 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNS-4DS-5CF | 767-0151-1 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Center terminal

| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

**◆Mating Table**

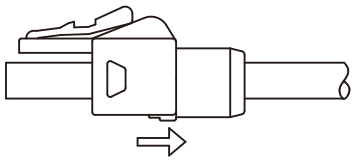
| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HNS-4DS-ASSY(Key TypeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HNS-4DS-ASSY(Key TypeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HNS-4DS-ASSY(Key TypeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

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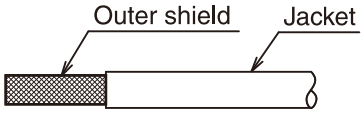
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## ◆ Wiring Method (4-Conductor Straight Connectors)

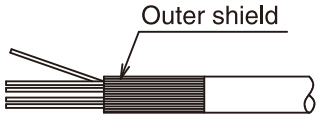
① **Insert housing to the cable.**



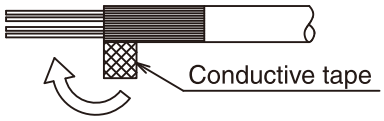
② **Strip Jacket.**




③ **Turn Outer shield to backward.**



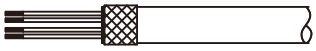

④ **Cover the cable by conductive tape.**



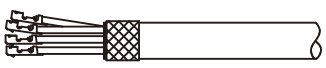

⑤ **Cut extra outer shield.**



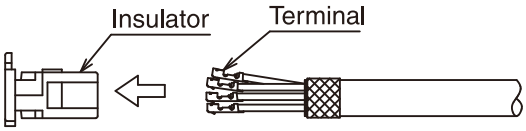

⑥ **Strip Jacket.**



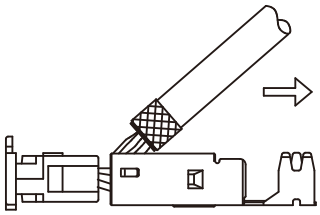
⑦ **Crimp the terminal.**



⑧ **Insert center terminal to the Insulator.**



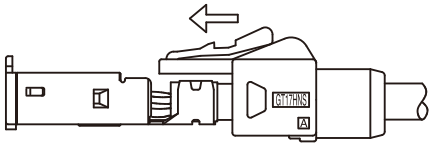

⑨ **Set outer tube terminal to the insulator.**



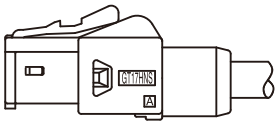
⑩ **Crimp outertube terminal.**



⑪ **Slide up housing to outer tube terminal.**



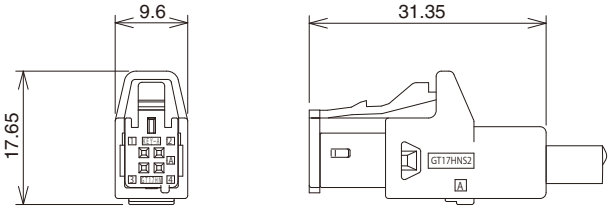

⑫ **Finish.**



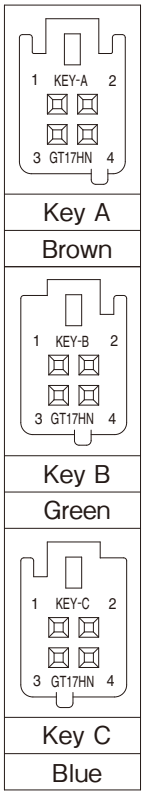

* Concerning the crimp height of terminals, crimp height settings have been prepared for each type of cable. Please contact a Hirose Electric account representative for further information.
Please note that new crimp height settings will be made for new cables and that this might take several days.

# ■ 4 Pos. Straight plug Connector With lock guard






Key Variation




**◆The product comprises 4 parts.**
**(Housing, insulator, outer terminal, center terminal)**

● Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNS2-4DS-HU | 767-0190-3 | PBT / Dark Gray | 1 | YES |

● Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-4DS-2C(A) | 767-0140-5 | PBT / Brown | 1 | YES |
| GT17HN-4DS-2C(B) | 767-0147-4 | PBT / Green | | |
| GT17HN-4DS-2C(C) | 767-0148-7 | PBT / Blue | | |

● Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNS-4DS-5CF | 767-0151-1 | Copper alloy / Tin plating | $\phi$4.8 to 5.2 | 1 | YES |

● Center terminal

| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

## ◆ Mating Table

| Color | Cable side connector | Board connector | |
|---|---|---|---|
| | | SMT Type | DIP Type |
| Brown | GT17HNS2-4DS-ASSY(Key typeA) | GT17HN-4DP-2H(A)<br>GT17HN-4DP-2H(A)(11)<br>GT17HN-4DP-2H(A)(14)<br>GT17HNR-4DP-2H(A)<br>GT17HNL-4DP-2H(A)<br>GT17HN-4/4DP-2H(AA)<br>GT17HND-4/4DP-2H(AA) | GT17HJ-4DP-2DSA<br>GT17HG-4DP-2DSA(A)<br>GT17HN-4DP-2DS(A)<br>GT17HNF-4DP-2DS(A)<br>GT17HN-4DP-2DS(A)(10) |
| Green | GT17HNS2-4DS-ASSY(Key typeB) | GT17HN-4DP-2H(B)<br>GT17HN-4DP-2H(B)(11)<br>GT17HN-4DP-2H(B)(14)<br>GT17HNL-4DP-2H(B)<br>GT17HN-4/4DP-2H(BC)(14)<br>GT17HN-4/4DP-2H(BC) | GT17HG-4DP-2DSA(B)<br>GT17HN-4DP-2DS(B)<br>GT17HN-4DP-2DS(B)(10) |
| Blue | GT17HNS2-4DS-ASSY(Key typeC) | GT17HN-4DP-2H(C)<br>GT17HN-4DP-2H(C)(11)<br>GT17HN-4DP-2H(C)(14)<br>GT17HNL-4DP-2H(C)<br>GT17HN-4/4DP-2H(BC)<br>GT17HN-4/4DP-2H(BC)(14) | GT17HG-4DP-2DSA(C)<br>GT17HN-4DP-2DS(C)<br>GT17HN-4DP-2DS(C)(10) |

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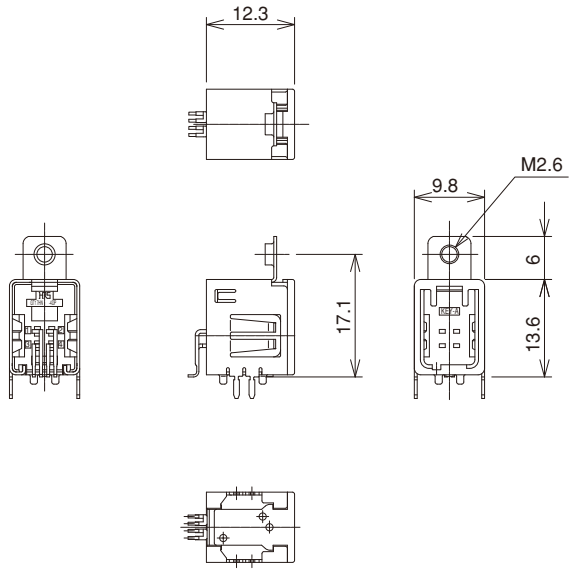
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# ■ 4 pos. SMT Connector

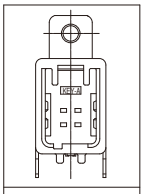
●With M2.6 screw flange



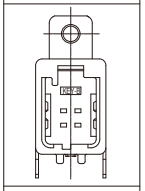
**GT17HN-4DP-2H(A)**



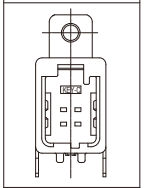

Key Variation



Key A
Brown



Key B
Green



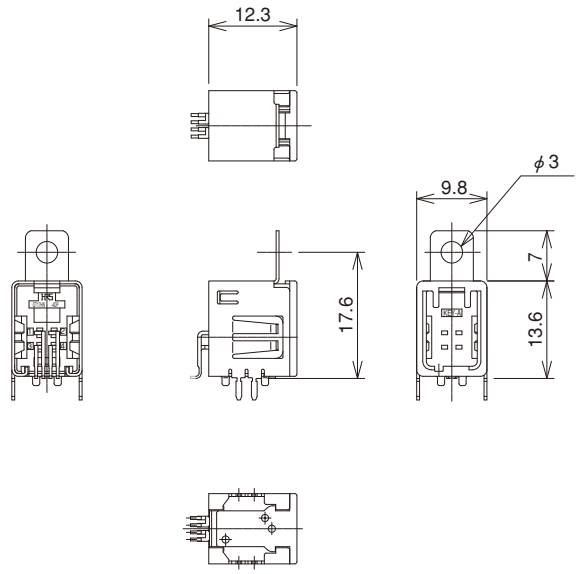
Key C
Blue

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DP-2H(A) | 767-0144-6 | Brown | Housing:PPS | 1 | YES |
| GT17HN-4DP-2H(B) | 767-0175-0 | Green | Center terminal:Brass/Tin plating | | |
| GT17HN-4DP-2H(C) | 767-0176-2 | Blue | Outer terminal:Copper alloy/Tin plating | | |

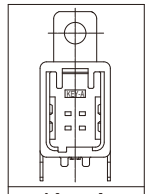
●With 3.0 dia. hole flange



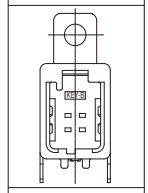
**GT17HN-4DP-2H(A)(11)**



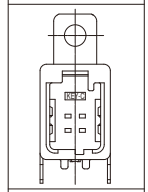

Key Variation



Key A
Brown



Key B
Green



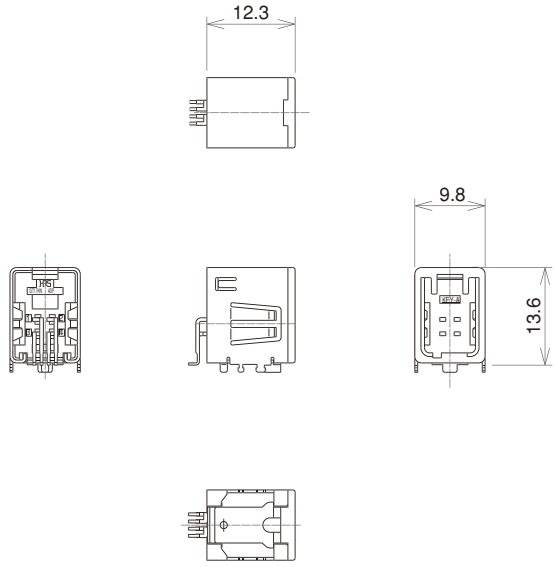
Key C
Blue

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DP-2H(A)(11) | 767-0144-6 11 | Brown | Housing:PPS | 1 | YES |
| GT17HN-4DP-2H(B)(11) | 767-0175-0 11 | Green | Center terminal:Brass/Tin plating | | |
| GT17HN-4DP-2H(C)(11) | 767-0176-2 11 | Blue | Outer terminal:Copper alloy/Tin plating | | |

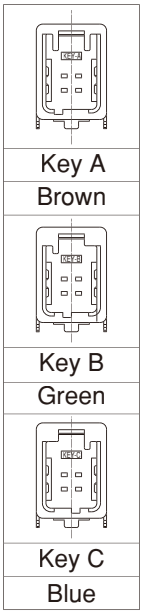
● Without flange



**GT17HN-4DP-2H(A)(14)**




Key Variation




| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DP-2H(A)(14) | 767-0144-6 14 | Brown | Housing:PPS | 300 pcs/reel | YES |
| GT17HN-4DP-2H(B)(14) | 767-0175-0 14 | Green | Center terminal:Brass/Tin plating | | |
| GT17HN-4DP-2H(C)(14) | 767-0176-2 14 | Blue | Outer terminal:Copper alloy/Tin plating | | |

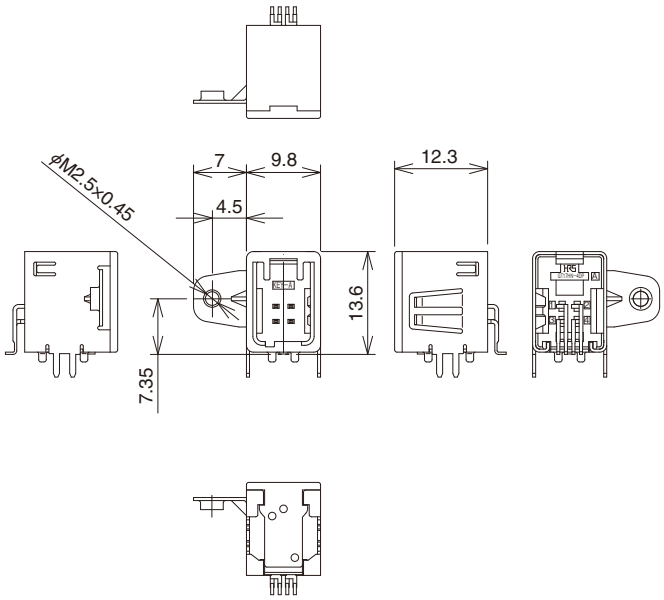
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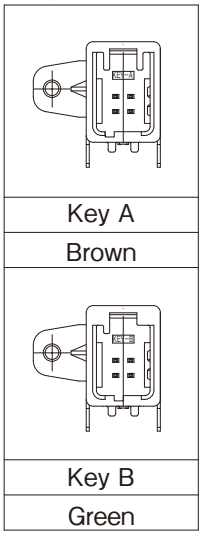
## ●M2.5 Screw with Left flange



**GT17HNL-4DP-2H(A)**




Key Variation

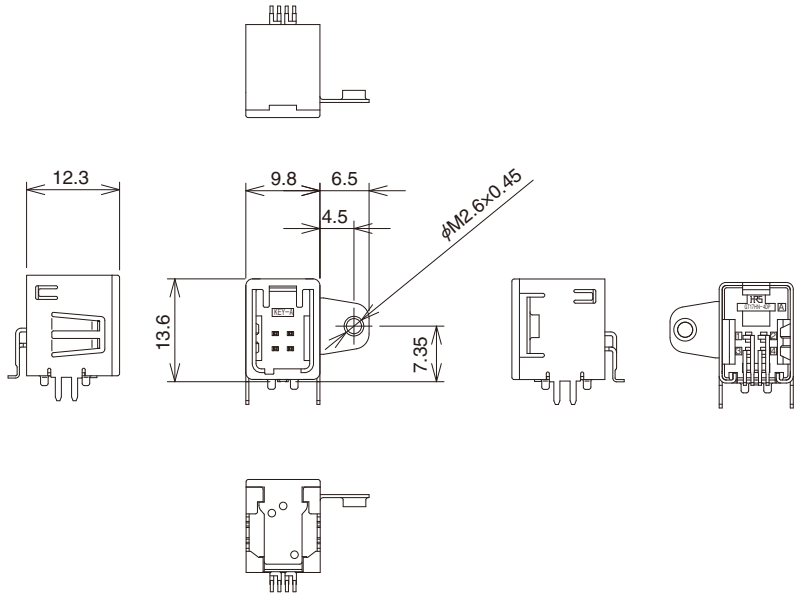



| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNL-4DP-2H(A) | 767-0229-7 | Brown | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |
| GT17HNL-4DP-2H(B) | 767-0237-5 | Green | | | |

## ●M2.6 Screw with Right flange



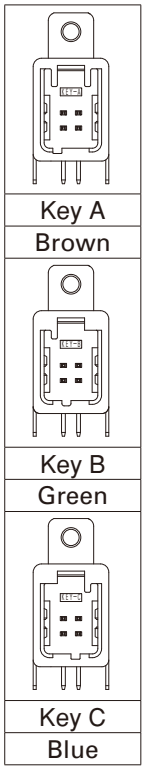
**GT17HNR-4DP-2H(A)**



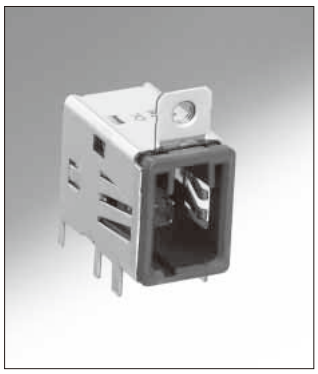

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNR-4DP-2H(A) | 767-0230-6 | Brown | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |

# ■ 4 Pos. Boardside Right angle DIP Type

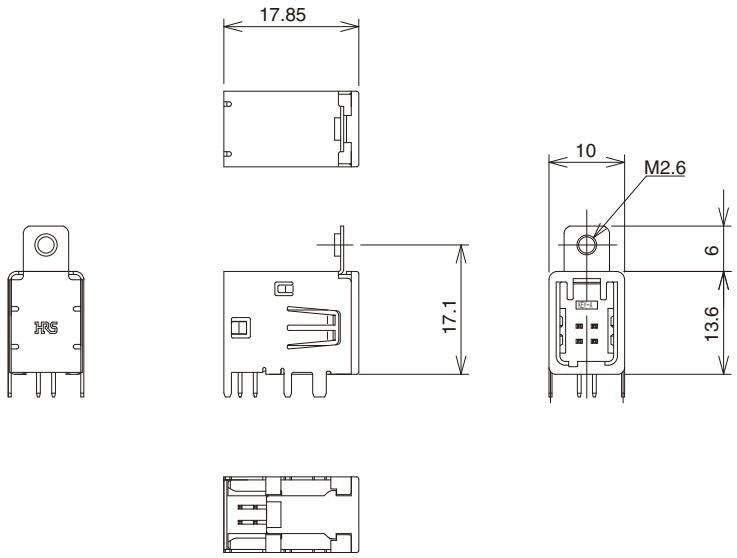
Key Variation




## ●With M2.6 flange

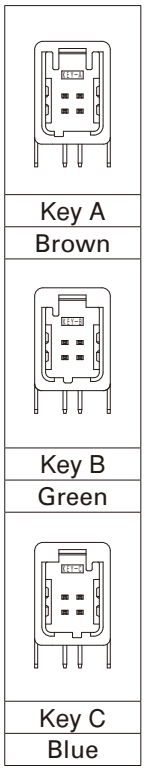


**GT17HN-4DP-2DS(A)**




| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DP-2DS(A) | 767-0213-7 00 | Brown | Housing:PBT | 1 | YES |
| GT17HN-4DP-2DS(B) | 767-0266-3 00 | Green | Center terminal:Brass/Tin plating | | |
| GT17HN-4DP-2DS(C) | 767-0265-0 00 | Blue | Outer terminal:Copper alloy/Tin plating | | |

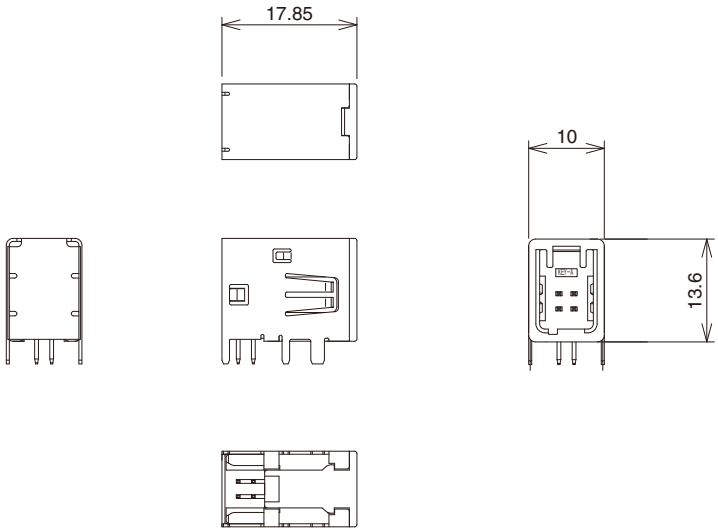
Key Variation




## ●Without flange



**GT17HN-4DP-2DS(A)(10)**



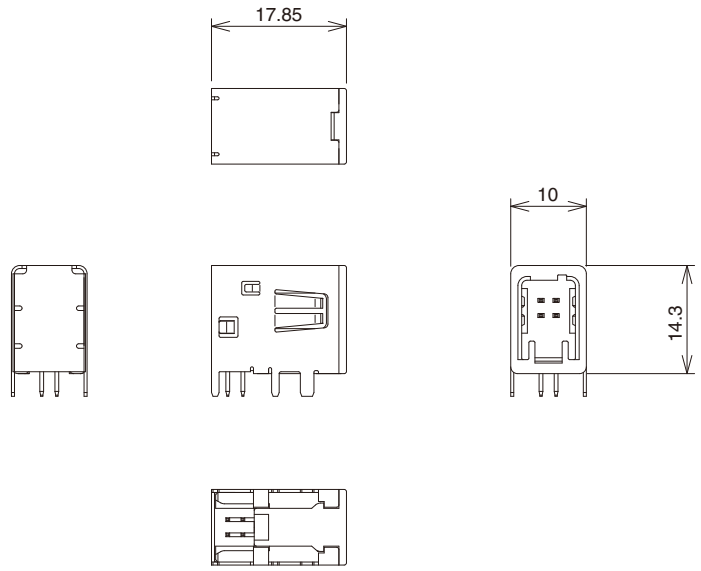

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4DP-2DS(A)(10) | 767-0213-7 10 | Brown | Housing:PBT | 1 | YES |
| GT17HN-4DP-2DS(B)(10) | 767-0266-3 10 | Green | Center terminal:Brass/Tin plating | | |
| GT17HN-4DP-2DS(C)(10) | 767-0265-0 10 | Blue | Outer terminal:Copper alloy/Tin plating | | |

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● Plug reverse





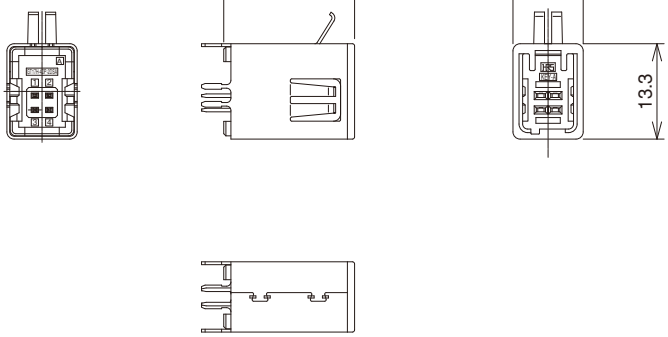

**GT17HNF-4DP-2DS(A)**

| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNF-4DP-2DS(A) | 767-0236-2 00 | Brown | Housing:PBT<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |

## ■ 4-Conductor Board Connector(Straight)








**GT17HJ-4DP-2DSA** **GT17HG-4DP-2DSA(A)**

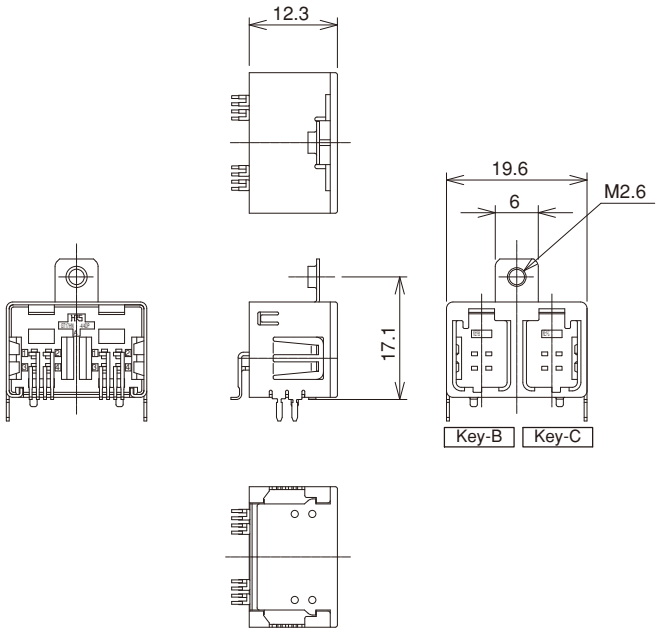
| Part No. | HRS No. | Color | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HJ-4DP-2DSA | 767-0160-2 | Brown | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |
| GT17HG-4DP-2DSA(A) | 767-0314-4 | | | | |
| GT17HG-4DP-2DSA(B) | 767-0315-7 | Green | | | |
| GT17HG-4DP-2DSA(C) | 767-0316-0 | Blue | | | |
| GT17HG-4DP-2DSA(D) | 767-0317-2 | Black | | | |

# ■ 4/4 Pos. SMT Connectors

●With M2.6 screw flange



**GT17HN-4/4DP-2H(BC)**

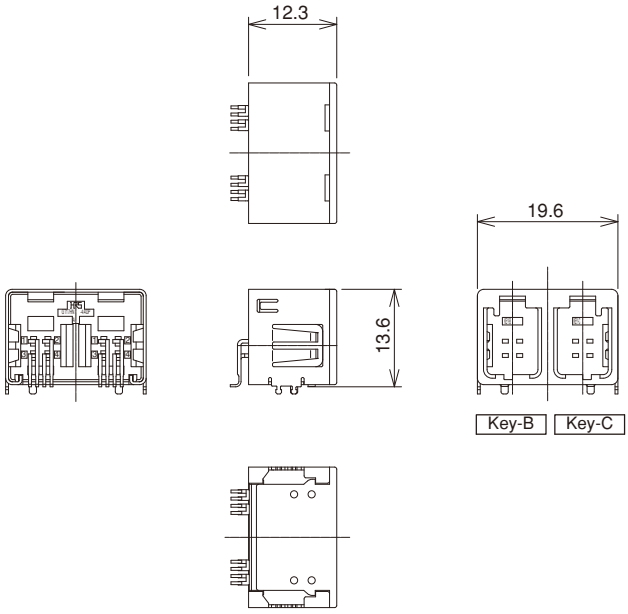



| Part No. | HRS No. | Color | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4/4DP-2H(BC) | 767-0145-9 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |
| GT17HND-4/4DP-2H(AA) | 767-0327-6 | Brown | | | |

●Without flange



**GT17HN-4/4DP-2H(BC)(14)**




| Part No. | HRS No. | Color | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4/4DP-2H(BC)(14) | 767-0145-9 14 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 200 pcs/reel | YES |

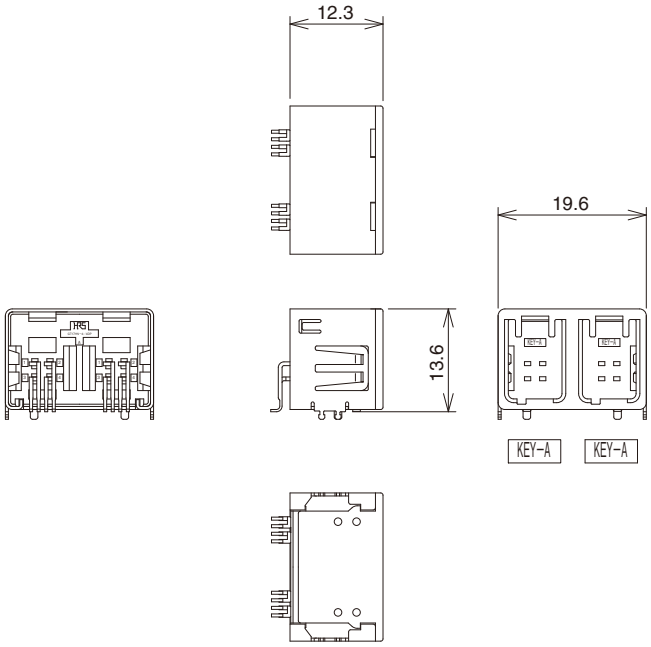
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●Without flange

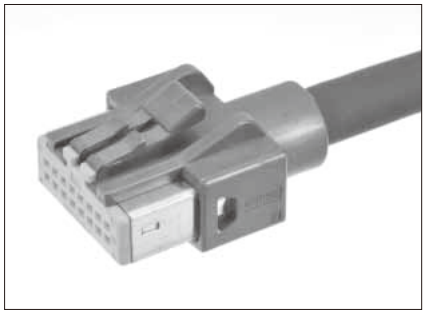


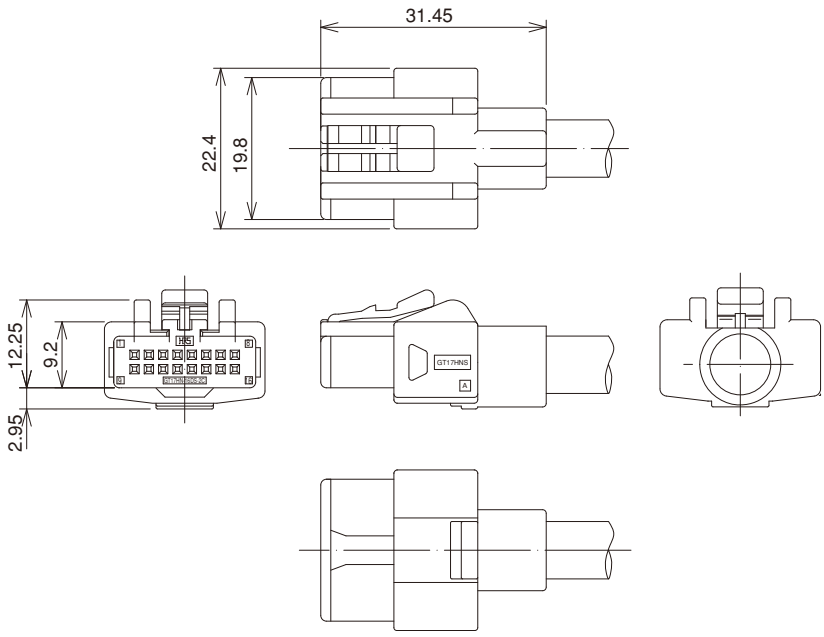
**GT17HN-4/4DP-2H(AA)**




| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-4/4DP-2H(AA) | 767-0246-6 00 | Brown | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |

# ■ 16 Pos. Straight Connectors






## ◆The product comprises 4 parts.
## (Housing, insulator, outer terminal, and center terminal)

●Housing

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HNS-16DS-HU | 767-0164-3 | PBT / Dark Gray | 1 | YES |

●Insulator

| Part No. | HRS No. | Material / Plating or Color | Packaging | RoHS |
|---|---|---|---|---|
| GT17HN-16DS-2C | 767-0162-8 | PBT / Light Gray | 1 | YES |

●Outer terminal

| Part No. | HRS No. | Material / Plating or Color | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HNS-16DS-8CF | 767-0165-6 | Copper alloy / Tin plating | $\phi$7.8 to 8.2 | 1 | YES |

●Center terminal

| Part No. | HRS No. | Material / Plating or Color | Conductor Size(AWG) | Outer Diameter | Packaging | RoHS |
|---|---|---|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | Phosphor Bronze / Tin plating | 24 to 28 AWG | $\phi$0.8 to 1.5 | 10,000 pcs/reel | YES |

## ◆Mating Table

| Color | Cable side connector | Board connector |
|---|---|---|
| Gray | GT17HNS-16DS-HU | GT17HN-16DP-2H<br>GT17HN-16DP-2H(10) |

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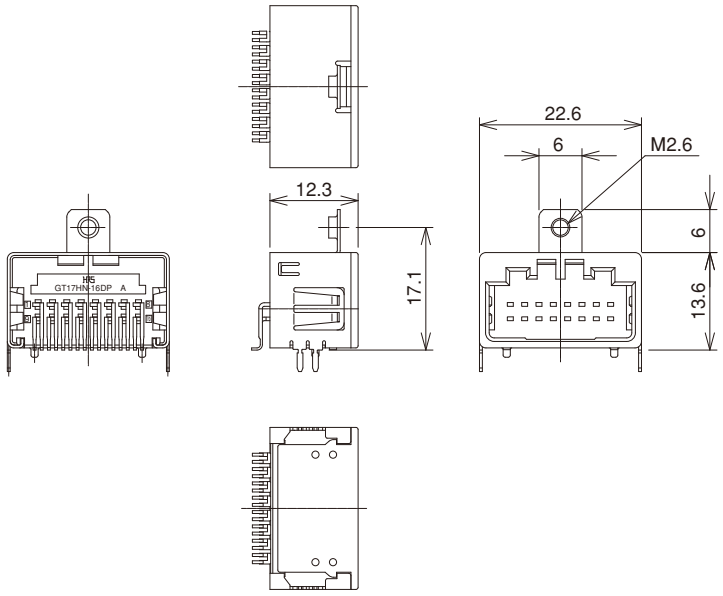
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# ■ 16 Pos. SMT Connectors

## ●With M2.6 screw flange



**GT17HN-16DP-2H**

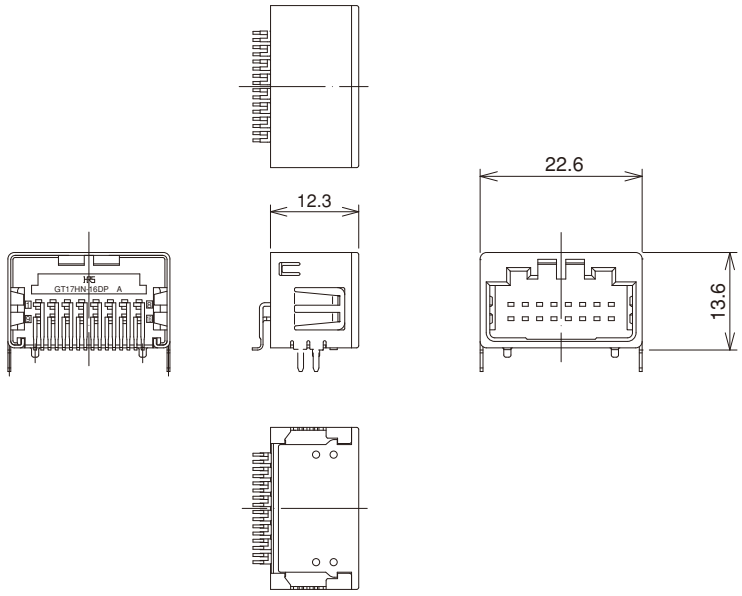



| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-16DP-2H | 767-0153-7 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 1 | YES |

## ●Without flange



**GT17HN-16DP-2H(10)**

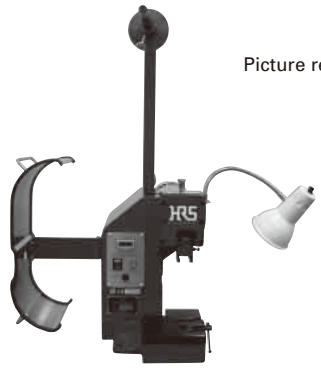



| Part No. | HRS No. | Color | Material / Plating | Packaging | RoHS |
|---|---|---|---|---|---|
| GT17HN-16DP-2H(10) | 767-0153-7 10 | Light Gray | Housing:PPS<br>Center terminal:Brass/Tin plating<br>Outer terminal:Copper alloy/Tin plating | 200 pcs/reel | YES |

# ◆Crimping tools

User manuals are available. Please ask your Hirose Electric account representative.

## ● Automatic Crimping Machine



Picture reference only

Part No. CM-105C

### Specifications

| Item | Specification | Remarks |
|---|---|---|
| Press capacity | 1.5Ton | |
| Stroke | 30mm | |
| Number of strokes | 200spm (50Hz) | 240spm (60Hz) |
| Weight | 75kg | |
| Motor | 0.2kW | AC100V |
| Crimping speed | 2000 to 4000 pcs. per hour | |

### Applicator

| Terminal Product No. | Terminal HRS No. | Tool No. | Tool HRS No. |
|---|---|---|---|
| GT17-2022SCF | 767-0009-0 | AP105-GT17-2022S | 901-5083-5 |
| GT17-2428SCF | 767-0010-0 | AP105-GT17-2428S | 901-5084-8 |
| GT17-30SCF | 767-0064-9 | AP105-GT17-30S | 901-5107-1 |
| GT17-2022PCF | 767-0082-0 | AP105-GT17-2022P | 901-5146-3 |
| GT17-2428PCF | 767-0076-8 | AP105-GT17-2428P | 901-5177-7 |
| GT8-2428SCF(70) | 758-0001-8 70 | AP105-GT8-2428S | 901-5174-9 |
| GT8E-2428PCF | 758-0067-6 | AP105-GT8E-2428P | 901-5192-0 |

Note1 : Crimp heights may differ depending on the cable specification, so please consult a HRS representative for assistance.
Note2 : Before purchasing Hirose tooling, please make sure that your selected cable will work with the Hirose applicator.
Note3 : Cables that are different from those specified by Hirose may not be suitable and may require modification to the applicator to obtain a proper crimp.

### Contact insert tool for GT17H-4S-2C

| Product No. | HRS No. | Tool No. | Tool HRS No. |
|---|---|---|---|
| GT8-2428SCF(70) | 758-0001-8 70 | GT17-4S/PR-MD | 902-5109-3 |

* This tool was designed when GT8-2428SCF(70) insert to GT17H-4S-2C.
Please do not use other contact and housing.

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## ● HANDPRESS

**Hand Press**



Part No.HOS-7

### Crimp tool for outer shield(Module for HOS-7)

| Product No. | HRS No. | Crimp tool for outer shield Product No. | Crimp tool for outer shield HRS No. |
|---|---|---|---|
| GT17V-6DS-5CF | 767-0027-2 | GT17VS-6DS-5/CR-MP<br>GT17VS-6DS-5/CR-MP(01) | 902-5099-1<br>902-5099-1 01 |
| | | GT17VS-6DS-CH48/CR-MP<br>GT17VS-6DS-CH48/CR-MP(01) | 902-5105-2<br>902-5105-2 01 |
| GT17VS-6DS-5CF | 767-0050-4 | GT17VS-6DS-5/CR-MP<br>GT17VS-6DS-5/CR-MP(01) | 902-5099-1<br>902-5099-1 01 |
| GT17V-6DS-3.8CF | 767-0075-5 | GT17V-6DS-3.8/CR-MP<br>GT17V-6DS-3.8/CR-MP(01) | 902-5101-1<br>902-5101-1 01 |
| GT17VS-6DP-5CF | 767-0080-5 | GT17VS-6DP-5/CR-MP<br>GT17VS-6DP-5/CR-MP(01) | 902-5088-5<br>902-5088-5 01 |
| GT17S-8DS-7CF | 767-0106-7 | GT17S-8DS-7/CR-MP<br>GT17S-8DS-7/CR-MP(01) | 902-5090-7<br>902-5090-7 01 |
| GT17V-10DS-8CF | 767-0037-6 | GT17V-10DS/CR-MP<br>GT17V-10DS/CR-MP(01) | 902-5057-1<br>902-5057-1 01 |
| GT17VS-10DS-8CF | 767-0059-9 | GT17V-10DS/CR-MP<br>GT17V-10DS/CR-MP(01) | 902-5057-1<br>902-5057-1 01 |
| GT17VS-10DP-5.2CF | 767-0114-5 | GT17VS-10DP-5.2/CR-MP<br>GT17VS-10DP-5.2/CR-MP(01) | 902-5084-4<br>902-5084-4 01 |
| GT17VS-10DS-4.6CF | 767-0116-0 | GT17VS-10DS-4.6/CR-MP<br>GT17VS-10DS-4.6/CR-MP(01) | 902-5083-1<br>902-5083-1 01 |
| GT17H-4S-5CF | 767-0087-4 | GT17H-4S-5CF/CR-MP<br>GT17H-4S-5CF/CR-MP(01) | 902-5100-9<br>902-5100-9 01 |
| GT17HS-4S-5CF | 767-0135-5 | GT17H-4S-5CF/CR-MP<br>GT17H-4S-5CF/CR-MP(01) | 902-5100-9<br>902-5100-9 01 |
| GT17HS-4P-5CF | 767-0156-5 | GT17HS-4P-5CF/CR-MP<br>GT17HS-4P-5CF/CR-MP(01) | 902-5108-0<br>902-5108-0 01 |
| GT17HN-4DS-5CF | 767-0142-0 | GT17HNS-4DS-5/CR-MP<br>GT17HNS-4DS-5/CR-MP(01) | 902-5103-7<br>902-5103-7-01 |
| GT17HNS-4DS-5CF | 767-0151-1 | GT17HNS-4DS-5/CR-MP<br>GT17HNS-4DS-5/CR-MP(01) | 902-5103-7<br>902-5103-7 01 |
| GT17HNS-16DS-8CF | 767-0165-6 | GT17HNS-16DS-8/CR-MP<br>GT17HNS-16DS-8/CR-MP(01) | 902-5102-4<br>902-5102-4 01 |

Note1 : (01)is set unit (HOS-7 and Crimp tool).
Note2 : Climp height sets for each cable. Please ask HRS sales in detail. Take time to define new crimp height.
Note3 : Please ask Climp height for your cable when you use HRS tool.
Note4 : Applicable tool may be changed by specic cable.