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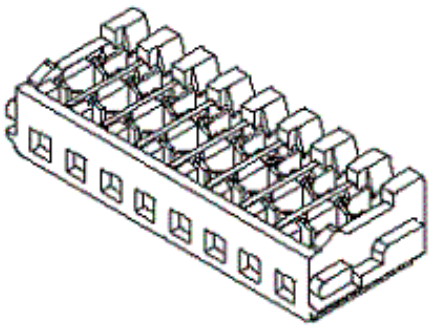
**Part Number:** 0524840710
**Status:** Active
**Description:** 2.0 W/B CONN. IDT REC. HSG ASSY



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-51090-003 (PDF)
- Product Specification PS-51090-007 (PDF)
- Product Specification PS-52478-001 (PDF)
- Product Specification PS-52478-002 (PDF)
- Product Specification PS-52484-004 (PDF)
- Product Specification PS-52484-009 (PDF)
- Product Specification PS-52484-011 (PDF)
- Product Specification PS-52484-012 (PDF)
- Product Specification PS-52484-013 (PDF)
- Product Specification PS-52484-021 (PDF)
- Product Specification PS-52484-022 (PDF)
- Product Specification PS-53358-001 (PDF)
- Product Specification PS-55460-001 (PDF)
- Product Specification PS-55533-003 (PDF)
- RoHS Certificate of Compliance (PDF)

## Agency Certification

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

## General

| | |
|---|---|
| Product Family | IDT and Solder Connectors |
| Series | 52484 |
| Crimp Quality Equipment | Yes |
| Product Name | Mi II™ |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 7 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.079 In |
| Pitch - Mating Interface (mm) | 2.00 mm |
| Plating min: Mating (µin) | 36 |
| Plating min: Mating (µm) | 0.90 |
| Plating min: Termination (µin) | 36 |
| Plating min: Termination (µm) | 0.90 |
| Temperature Range - Operating | -40°C to +105°C |
| Wire Insulation Diameter | 0.85-1.05mm (.033-.041") |
| Wire Size AWG | 26, 28 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 125V |

## Material Info

## Reference - Drawing Numbers

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
Not Reviewed
**Halogen-Free Status**
**Not Reviewed**

**China RoHS**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

**Search Parts in this Series**
52484Series

**Mates With**
51206 , 53313 , 55460 , 53358 , 53324 , 53325

**Application Tooling** | **FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Japan**

| Description | Product # |
|---|---|
| Hand Crimper | 0573255000 |
| Die Set For 57222-7000 | 0572257000 |
| IDT Bench-Top Terminator (Small Type) for Mi II™ | 0572257100 |
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008000 |

| | | |
|---|---|---|
| Product Specification | PS-51090-003, PS-51090-007, PS-52478-001, PS-52478-002, PS-52484-004, PS-52484-009, PS-52484-011, PS-52484-012, PS-52484-013, PS-52484-021, PS-52484-022, PS-53358-001, PS-55460-001, PS-55533-003, RPS-51090-002, RPS-51090-005, RPS-51090-019, RPS-51090-021, RPS-52484-002, RPS-52484-005, RPS-52484-015, RPS-52484-016, RPS-52484-017, RPS-52484-019, RPS-52484-020, RPS-52484-022, RPS-52484-023, RPS-52484-024, RPS-52484-025, RPS-52484-026, RPS-52969-004, RPS-52969-005, RPS-52969-006, RPS-53358-001, RPS-54111-005, RPS-54269-004, RPS-55460-015 |
| Sales Drawing | SD-52484-008 |

| | |
|---|---|
| Fully-Automated IDT Machine (XELOM-PLUS) | 0578008400 |
| Fully-Automated IDT Machine (XELOM-SIMPLE) | 0578258000 |
| IDT Bench-Top Terminator for Mi II™ | 0578657000 |

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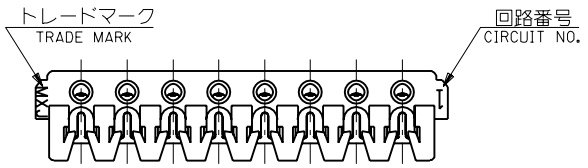
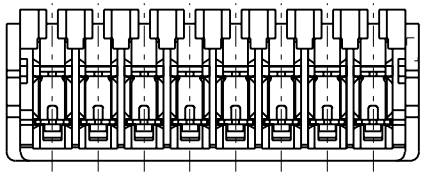
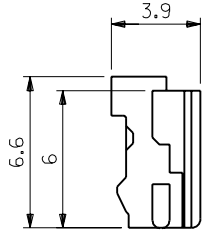
DWG. NO. SD-52484-008



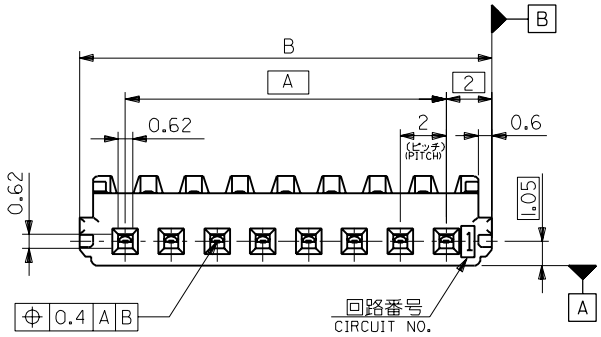


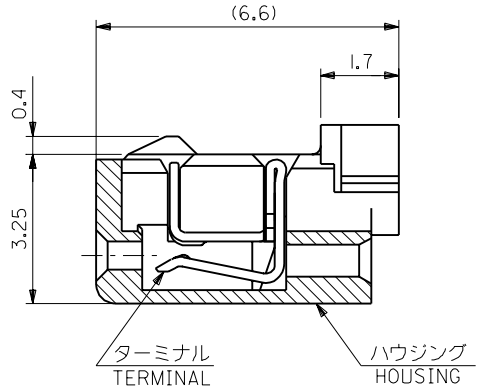

注記
NOTES

1. 嵌合相手：53324-***0, 53325-***0, 53358-***0, 5340I-***0
MATES WITH
2. 材質
MATERIAL
ハウジング：ガラス入り６６ナイロン、ＵＬ９４Ｖ－０、色：表参照
HOUSING: GLASS FILLED 66 NYLON , UL94V-0 , COLOR : SEE CHART
ターミナル：りん青銅、錫メッキ（ｔ＝０．２）
TERMINAL : PHOSPHOR BRONZE , PRE-TINNED (t=0.2)
3. 適合クリップ：５１０９４－＊＊０５
APPLICABLE CLIP
4. 製品番号
MATERIAL NO.

52484-**I*
極数 CIRCUIT SIZE
色 COLOR

| | |
|---|---|
| ナチュラル（白） NATURAL(WHITE) | 0 |
| 赤 RED | 2 |
| 黄 YELLOW | 3 |
| 青 BLUE | 4 |




ターミナル装着状態図
FIGURE OF TERMINAL WHEN ASSEMBLED
(SCALE : 10-1)

| B | A | 4. 製品番号 MATERIAL NO. | 極数 CIRCUIT | MODEL NO. |
|---|---|---|---|---|
| 32 | 28 | 52484-151* | 15 | 52484-**I* |
| 30 | 26 | -141* | 14 | |
| 28 | 24 | -131* | 13 | |
| 26 | 22 | -121* | 12 | |
| 24 | 20 | -111* | 11 | |
| 22 | 18 | -101* | 10 | |
| 20 | 16 | -091* | 9 | |
| 18 | 14 | -081* | 8 | |
| 16 | 12 | -071* | 7 | |
| 14 | 10 | -061* | 6 | |
| 12 | 8 | -051* | 5 | |
| 10 | 6 | -041* | 4 | |
| 8 | 4 | -031* | 3 | |
| 6 | 2 | 52484-021* | 2 | |

DO NOT SCALE DRAWING

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

EC NO. DRWN: CH'K: APPR:

EC NO. J02000-0703 DRWN: K.KOBAYASHI '00/05/07 CH'K: J.MIYAZAWA '00/05/07 APPR: H.IKESUGI '00/05/07

DESCRIPTION: RELEASED

REV: 0

MATERIAL 材料: 注参照 SEE NOTES

FINISH 仕上げ: 注参照 SEE NOTES

WIRE RANGE 適用電線範囲: AWG #26-#28

INS. RANGE 被覆外径: ø1.05 MAX.

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

| | |
|---|---|
| 10 UNDER 未満 | ±0.2 |
| 10 OVER 以上 30 UNDER 未満 | ±0.25 |
| 30 OVER 以上 | ±0.3 |
| ANGLE 角度 | ±3° |

SCALE 5-1

DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐mm INCH ☐INCH mm ☒mm ONLY

SHT REV

REVISE ON CAD ONLY

DRAWN BY & DATE '00/05/07 K.Kobayashi

CHECKED BY & DATE '00/05/07 J.Miyazawa

APPROVED BY & DATE '00/05/07 H.Ikesugi

CAD FILENAME: 52484008.S01

TITLE:
2.0 W/B CONN.
IDT REC. HS'G ASS'Y

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART

DRAWING NO.: SD-52484-008

SHEET NO.: 1 OF 1

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SIZE B

52484008.S01