# Printed-circuit board connector - GICV 2,5 HC/ 5-G-7,62 - 1756511

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Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Assembly: Soldering

## Product Features

- Compact 7.62 mm pitch
- Maximum contact reliability due to integrated double steel spring
- CP-MSTB coding profile as protection against mismatching
- Inverted GIC 2,5 HC headers with socket contacts for touch-proof device outputs (with GIC 2,5 HCV/... -ST) or a PCB/PCB connection (with GMSTBA 2,5 HC/... -G)

## Key commercial data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 10.2 mm |
| Pitch | 7.62 mm |
| Dimension a | 30.48 mm |
| Pin dimensions | 1,2 x 0,5 |
| Hole diameter | 1.4 mm |

### General

| | |
|---|---|
| Range of articles | GICV 2,5 HC/..-G |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |

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## Technical data

### General

| | |
|---|---|
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 630 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 16 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Number of positions | 5 |

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

## Approvals

### Approvals

# Printed-circuit board connector - GICV 2,5 HC/ 5-G-7,62 - 1756511

## Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 16 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 16 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

GOST

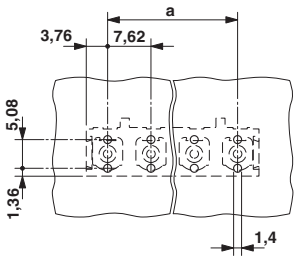
GOST

cULus Recognized

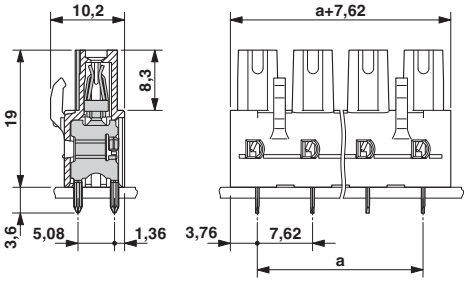
## Drawings

# Printed-circuit board connector - GICV 2,5 HC/ 5-G-7,62 - 1756511

Drilling diagram




Dimensioned drawing




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