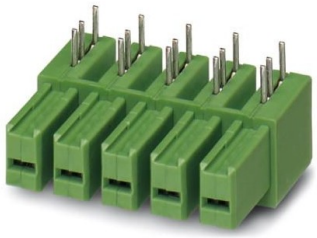
INDUSTRIAL COMPONENT DATA

# IPC 5/ 6-GU-7,62 1708640 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IPC 5/ 6-GU-7,62**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IPC 5/ 6-GU-7,62 |
| Catalog number | 1708640 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-633985BBE8 |
| Generated | 2026-11-18 |

## Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: IPC 5/.. -GU, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: inverted, locking: without, fixing type: without, packaging type: boxed

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1708640
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 541 (C-1-2013)
GTIN 4046356089562
Weight per Piece (excluding packing) 16.420 g
Custom tariff number 85366930
Country of origin PL (Poland)

Dimensions
Length [ l ] 27.52 mm
Width 45.72 mm
Pitch 7.62 mm
Dimension a 38.1 mm
Width [ w ] 45.72 mm
Height [ h ] 17.8 mm
Height 12.8 mm
Length of the solder pin 5 mm
Pin dimensions 1.2 x 0.8 mm
Pin spacing 7.62 mm
Length 27.52 mm
General
Range of articles IPC 5/..-GU
Insulating material group I
Rated surge voltage (III/3) 6 kV
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 IN 41 A
Maximum load current 41 A
Insulating material PA
Flammability rating according to UL 94 V0
Color green
Number of positions 6
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IPC 5/ 6-GU-7,62 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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