INDUSTRIAL COMPONENT DATA

# CC 2,5/ 2-GF-LR P20 THR 1836683 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: CC 2,5/ 2-GF-LR P20 THR**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | CC 2,5/ 2-GF-LR P20 THR |
| Catalog number | 1836683 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-564B16EB9B |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: DC 2.5/.. -GF-LR, pitch: 5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed packaging

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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

## Additional Product Information

Key Commercial Data
Orderkey 1836683
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4055626020976
Weight per Piece (excluding packing) 2.000 g
Custom tariff number 85366930
Country of origin DE (Germany)

Item properties
Brief article description Feed-through header
Plug-in system CLASSIC COMBICON
Type of contact Male connector
Range of articles CC 2,5/..-GF-LR
Pitch 5 mm
Number of positions 2
Mounting type THR soldering
Locking Lock & release threaded flange
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 12 A
Rated insulation voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface contact area (top layer) Tin (3 - 5 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni),
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Insulating material LCP
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
Dimensions for the product
Length [ l ] 12 mm
Width [ w ] 20 mm
Height [ h ] 10.57 mm
Pitch 5 mm
Height (without solder pin) 8.57 mm
Solder pin [P] 2 mm
Pin dimensions 1 x 1 mm
Dimension a 5 mm
Packaging information
Type of packaging packed in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CC 2,5/ 2-GF-LR P20 THR 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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