INDUSTRIAL COMPONENT DATA

# CC 2,5/18-GF-LR P20 THR 1836845 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: CC 2,5/18-GF-LR P20 THR**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | CC 2,5/18-GF-LR P20 THR |
| Catalog number | 1836845 |
| Category | Printed circuit board connector |
| Minimum order | 52 Pcs |
| Document ID | EO-2C7CA529BA |
| 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: 18, number of rows: 1, number of poles: 18, number of connections: 18, 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 1836845
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4055626021133
Weight per Piece (excluding packing) 2.220 g
Custom tariff number 85366930
Country of origin DE (Germany)

Dimensions
Length [ l ] 12 mm
Width 100 mm
Pitch 5 mm
Dimension a 85 mm
Width [ w ] 100 mm
Height [ h ] 10.57 mm
Height 8.57 mm
Length of the solder pin 2 mm
Pin dimensions 1 x 1 mm
Length 12 mm
General
Range of articles CC 2,5/..-GF-LR
Insulating material group IIIa
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/2) 320 V
Rated voltage (II/2) 400 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 18
Packaging information
Type of packaging packed in cardboard
Pieces per package 50
Denomination packing units Pcs.
Standards and Regulations
Connection in acc. with standard EN-VDE
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 13.239121409

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CC 2,5/18-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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