

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



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-E3F3DA60DB
Generated	2026-08-05

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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.