

INDUSTRIAL COMPONENT DATA

CC 2,5/16-GF-LR P20 THR 1836829 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: CC 2,5/16-GF-LR P20 THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	CC 2,5/16-GF-LR P20 THR
Catalog number	1836829
Category	Printed circuit board connector
Minimum order	52 Pcs
Document ID	EO-DDFA928498
Generated	2026-08-04

Product Overview

Printed-circuit board connector

Base housing printed circuit board, nominal section: 2.5 mm², color: black, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, Number of potentials: 16, Number of rows: 1, Number of poles per row: 16, number of connections: 16, article family: DC 2.5/.. -GF-LR, pitch: 5 mm, mounting: THR welding, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, Stecksystem: CLASSIC COMBICON, Locking: Lace locking, packaging type: boxed packaging

PCB socket, nominal cross-section: 2.5 mm², colour: black, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, product series: DC 2.5/.. -GF-LR, pitch: 5 mm, mounting: TTHR / wave soldering, pin layout: Linear pinning, pin length [P]: 2 mm, number of solder pins per potential: 1, pin system: COMBICON MSTB 2.5, Insertion pin orientation: Standard, locking: Lock and Release, fastening type: Lock & Release threaded flange, package type: packed in carton

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 1836829

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4055626021119

Weight per Piece (excluding packing) 2.220 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 12 mm

Width 90 mm

Pitch 5 mm

Dimension a 75 mm

Width [w] 90 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 16

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

ETIM for 1836829 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CC 2,5/16-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.