

INDUSTRIAL COMPONENT DATA

MCD 0,5/10-G1-2,5 HT BK 1961229 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 0,5/10-G1-2,5 HT BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCD 0,5/10-G1-2,5 HT BK
Catalog number	1961229
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-8CC5C5F665
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 20, number of rows: 2, number of poles: 10, number of connections: 20, article family: MCD 0.5/.. -G1-HT, pitch: 2.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: COMBICON FK-MC 0.5, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: boxed, Standard high-temperature resistant plastic component; Suitable for reflow soldering processes. For user information and design recommendations on Through Hole Reflow technology, see "Downloads"

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 1961229

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 79 (CC-2005)

GTIN 4017918912536

Weight per Piece (excluding packing) 8.620 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 17.5 mm

Width 26.9 mm

Pitch 2.5 mm

Dimension a 22.5 mm

Width [w] 26.9 mm

Height [h] 25.65 mm

Height 21.85 mm

Length of the solder pin 3.8 mm

Pin dimensions 0.8 x 0.8 mm

Pin spacing 2.50 mm

Length 17.5 mm

General

Range of articles MCD 0,5/..-G1-HT

Insulating material group IIIa

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 32 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 4 A

Maximum load current 4 A

Insulating material PA

Flammability rating according to UL 94 V0

Color black

Number of positions 10

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: 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 12.0139121409UNSPSC
13.239121409....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 0,5/10-G1-2,5 HT BK 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.