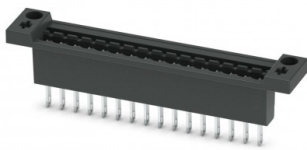


INDUSTRIAL COMPONENT DATA

DFK-MSTB 2,5/16-G-5,08 BK 1710961 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-MSTB 2,5/16-G-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-MSTB 2,5/16-G-5,08 BK
Catalog number	1710961
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-ADDF41D022
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Wall pass-through 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: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: DFK-MSTB 2,5/.. -G, pitch: 5.08 mm, connection type: Solder/flat plug connection, mounting: Direct mounting, pin arrangement: Linear pin arrangement, pin length [P]: 9.3 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: Packaged in a box, the accessory with the 5030172 code is only usable in combination with MSTB 2,5/... ST-5.08 and MSTBT 2,5/... ST-5.08.

Feed-through header, nominal cross section: 2.5 mm², color: black, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: DFK-MSTB 2,5/..-G, pitch: 5.08 mm, connection method: Solder/Slip-on connection, mounting: Direct mounting, pin layout: Linear pinning, solder pin [P]: 9.3 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packagin...

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)
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Additional Product Information

Technical dataProduct propertiesProduct type Feed-through header
Product family DFK-MSTB 2,5/..-G

Product line COMBICON Connectors M

Number of positions 16

Pitch 5.08 mm

Number of connections 16

Number of rows 1

Number of potentials 16

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 02

Electrical propertiesNominal current I_N 12 A

Nominal voltage U_N 320 V

Contact resistance 1.7 m Ω

Rated voltage (III/3) 320 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 630 V

Rated surge voltage (II/2) 4 kV

MountingMounting type Direct mounting

Pin layout Linear pinning

Attachment to feed-through panel

Tightening torque 0.3 Nm

Screw 0708263 DFK-MSTB SS for housing walls of up to 6 mm thick

Material specificationsMaterial 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 (5 - 7 μm Sn)

Metal surface contact area (middle layer) Nickel (2 - 3 μm Ni)

Metal surface soldering area (top layer) Tin (5 - 7 μm Sn)

Metal surface soldering area (middle layer) Nickel (2 - 3 μm Ni)

Material data - housing

Color (Housing) black (9005)

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MSTB 2,5/16-G-5,08 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

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