INDUSTRIAL COMPONENT DATA

DFK-MSTBA 2,5/ 4-GF-5,08 BK 1021711 PHOENIX CONTACT Feed-through header DFK-MSTBA 2,5/ 4-GF-5,08 BK 1021711

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-MSTBA 2,5/ 4-GF-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-MSTBA 2,5/ 4-GF-5,08 BK
Catalog number	1021711
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-1D9E223AC8
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Product Overview

Feed-through header - DFK-MSTBA 2,5/ 4-GF-5,08 BK - 1021711
Wall pass-through housing, nominal section: 2.5 mm², color: graphite black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: DFK-MSTBA 2.5/.. -GF, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed
Feed-through header, nominal cross section: 2.5 mm2, color: graphite black, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: DFK-MSTBA 2,5/..-GF, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.23 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Feed-through header
Product family DFK-MSTBA 2,5/..-GF
Product line COMBICON Connectors M
Number of positions 4

Pitch 5.08 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Rated voltage (III/3) 250 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) 400 V
Rated surge voltage (II/2) 4 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Flange
Tightening torque 0.3 Nm
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 (3 - 5 µm Sn)
Metal surface contact area (middle layer) Nickel (1 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1 - 3 µm Ni)
Material data - housing
Color (Housing) graphite black (9011)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
NotesNotes on operation In accordance with IEC 61984, COMBICON connecto...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MSTBA 2,5/ 4-GF-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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