INDUSTRIAL COMPONENT DATA

DFK-MSTB 2,5/12-GF-5,08 0710277 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-MSTB 2,5/12-GF-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-MSTB 2,5/12-GF-5,08
Catalog number	0710277
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-B90A0EF2F3
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Wall pass-through housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: DFK-MSTB 2.5/.. -GF, 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: Screw lock, fixing type: 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 0710277
Packing unit 50 pc
Catalog page Page 353 (C-1-2013)
GTIN 4017918005306
Weight per Piece (excluding packing) 11.450 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions

Length [l] 17.5 mm
Width [w] 81.28 mm
Height [h] 29.5 mm
Pitch 5.08 mm
Dimension a 55.88 mm
Dimensions of slip-on connection 2,8 x 0,8 mm
General
Range of articles DFK-MSTB 2,5/..-GF
Number of positions 12
Connection method Solder/Slip-on connection
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V2
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
Max. current slip-on connection
Dimensions of slip-on connection 2,8 x 0,8 mm
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
Flammability rating according to UL 94 V2
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downlo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MSTB 2,5/12-GF-5,08 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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