INDUSTRIAL COMPONENT DATA

DMC 0,5/ 2-G1-2,54 SMD R24 1845027 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 0,5/ 2-G1-2,54 SMD R24



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 0,5/ 2-G1-2,54 SMD R24
Catalog number	1845027
Category	Printed circuit board connector
Minimum order	300 Pcs
Document ID	EO-DC78DC66B3
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 4, number of rows: 2, number of poles: 2, number of connections: 4, family of articles: DMC 0.5/.. -G1-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 24 mm wide strap, Sample quantities available under SAMPLE DMC...

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 1845027
Packing unit 300 pc
Minimum order quantity 300 pc
Note Made to Order (non-returnable)
GTIN 4046356964548
Weight per Piece (excluding packing) 2.050 g
Custom tariff number 85366930
Country of origin DE (Germany)

Dimensions
Length [l] 9.64 mm
Width 9.66 mm
Pitch 2.54 mm
Dimension a 2.54 mm
Width [w] 9.66 mm
Height [h] 9.39 mm
Height 7.39 mm
Length of the solder pin 2 mm
Pin dimensions 0.64 x 0.64 mm
Pin spacing 2.54 mm
Length 9.64 mm
General
Range of articles DMC 0,5/..-G1-SMD
Insulating material group IIIa
Rated surge voltage (III/3) 2.5 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 6 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 2
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 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 0,5/ 2-G1-2,54 SMD R24 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.