

INDUSTRIAL COMPONENT DATA

DMC 0,5/12-G1-2,54 SMD R72 1845124 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 0,5/12-G1-2,54 SMD R72



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 0,5/12-G1-2,54 SMD R72
Catalog number	1845124
Category	Printed circuit board connector
Minimum order	300 Pcs
Document ID	EO-3006804C48
Generated	2026-08-05

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: 24, number of rows: 2, number of poles: 12, number of connections: 24, article family: 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, locking: without, fixing type: without, packaging type: 72 mm wide strap, Sample quantities available under SAMPLE DMC...

PCB base socket, nominal cross-section: 0.5 mm², colour: black, rated current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Au, contact connection type: plug, number of potentials: 24, number of rows: 2, number of poles: 12, number of connections: 24, product series: DMC 0.5/.. -G1-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin layout: Linear pinning, pin length [P]: 2 mm, number of solder pins per potential: 1, plug system: COMBICON DFMC 0.5, Insertion pin orientation: Standard, locking: none, fastening type: none, packaging type: 72 mm width tape, Sample quantity available with 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 1845124

Packing unit 300 pc

Minimum order quantity 300 pc

Note Made to Order (non-returnable)

GTIN 4046356964661

Weight per Piece (excluding packing) 5.000 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 12.26 mm

Width 30.98 mm

Pitch 2.54 mm

Dimension a 27.94 mm

Width [w] 30.98 mm

Height [h] 11.39 mm

Height 9.39 mm

Length of the solder pin 2 mm

Pin dimensions 0.64 x 0.64 mm

Pin spacing 2.54 mm

Length 12.26 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 12

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

ETIM for 1845124 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 0,5/12-G1-2,54 SMD R72 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.