

INDUSTRIAL COMPONENT DATA

DMC 0,5/ 6-G1-2,54 SMD R44 1845069 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 0,5/ 6-G1-2,54 SMD R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 0,5/ 6-G1-2,54 SMD R44
Catalog number	1845069
Category	Printed circuit board connector
Minimum order	300 Pcs
Document ID	EO-4D4E966FDA
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: 12, number of rows: 2, number of poles: 6, number of connections: 12, 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: 44 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 1845069

Packing unit 300 pc

Minimum order quantity 300 pc

Note Made to Order (non-returnable)

GTIN 4046356964609

Weight per Piece (excluding packing) 2.810 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 12.26 mm

Width 15.74 mm

Pitch 2.54 mm

Dimension a 12.7 mm

Width [w] 15.74 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 6

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 1845069 Connectors (EC002637)

Feature Name**Feature Value**

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF0013...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 0,5/ 6-G1-2,54 SMD R44 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.