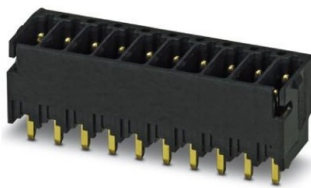


INDUSTRIAL COMPONENT DATA

DMCV 0,5/10-G1-2,54 P20THR R44 1844950 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMCV 0,5/10-G1-2,54 P20THR R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMCV 0,5/10-G1-2,54 P20THR R44
Catalog number	1844950
Category	Printed circuit board connector
Minimum order	330 Pcs
Document ID	EO-BB12379B71
Generated	2026-08-04

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: 20, number of rows: 2, number of poles: 10, number of connections: 20, article family: DMCV 0.5/.. -G1-THR, pitch: 2.54 mm, mounting: Weld THR, 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, packing 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)
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Additional Product Information

Key Commercial Data

Orderkey 1844950

Packing unit 330 pc

Minimum order quantity 330 pc

Note Made to Order (non-returnable)

GTIN 4046356964487

Weight per Piece (excluding packing) 3.260 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 7.39 mm

Width 26.7 mm

Pitch 2.54 mm

Dimension a 22.86 mm

Width [w] 26.7 mm

Height [h] 7.1 mm

Length of the solder pin 2 mm

Pin dimensions 0.64 x 0.64 mm

Pin spacing 2.54 mm

Length 7.39 mm

General

Range of articles DMCV 0,5/..-G1-THR

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 10

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 1844950 Connectors (EC002637)

Feature Name**Feature Value**

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

20

Number of p...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMCV 0,5/10-G1-2,54 P20THR 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

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