

## INDUSTRIAL COMPONENT DATA

# DMC 0,5/ 4-G1-2,54 P20THR R44 1844743 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 0,5/ 4-G1-2,54 P20THR R44



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 0,5/ 4-G1-2,54 P20THR R44   |
| Catalog number  | 1844743                         |
| Category        | Printed circuit board connector |
| Minimum order   | 300 Pcs                         |
| Document ID     | EO-66F19DBFA6                   |
| Generated       | 2026-08-06                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 8, number of rows: 2, number of poles: 4, number of connections: 8, family of articles: DMC 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...

PCB base socket, nominal cross-section: 0.5 mm<sup>2</sup>, colour: black, rated current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Au, contact connection type: plug, number of potentials: 8, number of rows: 2, number of poles: 4, number of connections: 8, product series: DMC 0.5/.. -G1-THR, pitch: 2.54 mm, mounting: TTHR / wave 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, package type: Tape width 44 mm, 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 1844743

Packing unit 300 pc

Minimum order quantity 300 pc

Note Made to Order (non-returnable)

GTIN 4046356964098

Weight per Piece (excluding packing) 2.660 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [ l ] 9.64 mm

Width 11.46 mm

Pitch 2.54 mm

Dimension a 7.62 mm

Width [ w ] 11.46 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-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 4

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 1844743 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 0,5/ 4-G1-2,54 P20THR R44 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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