

## INDUSTRIAL COMPONENT DATA

# DMC 1,5/ 2-G1-3,5 P20THR R24-1 1816137 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/ 2-G1-3,5 P20THR R24-1



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/ 2-G1-3,5 P20THR R24-1  |
| Catalog number  | 1816137                         |
| Category        | Printed circuit board connector |
| Minimum order   | 180 Pcs                         |
| Document ID     | EO-54B33FB019                   |
| Generated       | 2026-08-03                      |

## Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 2, number of poles: 2, number of connections: 4, family of articles: DMC 1.5/.. -G1-THR, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 24 mm wide strap

## 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 1816137

Packing unit 180 pc

Minimum order quantity 180 pc

Note Made to Order (non-returnable)

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GTIN 4046356757423

Weight per Piece (excluding packing) 1.370 g

Custom tariff number 85366930

Country of origin CN (China)

**Dimensions**

Length [ l ] 11.6 mm

Width 7.8 mm

Pitch 3.5 mm

Dimension a 3.5 mm

Width [ w ] 7.8 mm

Height [ h ] 12.8 mm

Height 10.8 mm

Length of the solder pin 2 mm

Pin dimensions 0.8 x 0.8 mm

Pin spacing 2.50 mm

Length 11.6 mm

**General**

Range of articles DMC 1,5/-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) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 250 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 A

Maximum load current 8 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

**CUL**

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 4.0272607xeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss  
7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNS...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 2-G1-3,5 P20THR R24-1 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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