

## INDUSTRIAL COMPONENT DATA

# DMC 1,5/16-G1F-3,5-LR P20THR 1787153 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/16-G1F-3,5-LR P20THR



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/16-G1F-3,5-LR P20THR    |
| Catalog number  | 1787153                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-4CDD75F02C                   |
| Generated       | 2026-08-01                      |

## 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: 32, number of rows: 2, number of poles: 16, number of connections: 32, article family: DMC 1.5/.. -G1F-THR, pitch: 3.5 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 1.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed PCB socket, nominal cross-section: 1.5 mm<sup>2</sup>, colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 32, number of rows: 2, number of poles: 16, number of connections: 32, product series: DMC 1.5/.. -G1F-THR, pitch: 3.5 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 1.5, Insertion pin orientation: Standard, locking: Snap locking, fixing type: Lock & Release threaded flange, package type: packed in carton

## 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 1787153

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 187 (C-1-2013)

GTIN 4046356596763

Weight per Piece (excluding packing) 7.070 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [ l ] 11.6 mm

Width 63 mm

Pitch 3.5 mm

Dimension a 52.5 mm

Width [ w ] 63 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/...-G1F-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 16

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

ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.01391214...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/16-G1F-3,5-LR P20THR 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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