

## INDUSTRIAL COMPONENT DATA

# DMC 1,5/18-G1-3,5-LR P20THR 1535161 PHOENIX CONTACT

## Printed circuit board base housing, nominal section: 1.5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/18-G1-3,5-LR P20THR



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/18-G1-3,5-LR P20THR     |
| Catalog number  | 1535161                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-2B3C3E4776                   |
| Generated       | 2026-08-04                      |

### Product Overview

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: Sn, contact connection type: Male, number of rows: 2, number of poles: 18, article family: DMC 1.5/..-G1-LR-THR, pitch: 3.5 mm, mounting: THR welding/wave soldering, 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, locking: Snap-in lock, fixing type: Lock + Release, packaging type: boxed

PCB base housing, nominal cross-section: 1.5 mm<sup>2</sup>, nominal current: 8 A, nominal voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, number of rows: 2, number of poles: 18, article family: DMC 1.5/..-G1-LR-THR, Mounting: Solder THR, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2mm, Number of Solder Pins Per Potential: 1, Plug-in System: COMBICON DFMC 1.5, Plug-in Face Orientation: Standard, Lock: Lace Lock, Attachment Type: Lock + Release, Packaging Type: Boxed Packaging

## 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 &gt; PCB Connectors (PCC)

### Additional Product Information

Technical dataItem PropertiesConstruction Base housing  
Product Line COMBICON Connectors S  
Product Type Printed circuit board base housing  
Product Family DMC 1,5/..-G1-LR-THR  
Number of poles 18  
Step 3.5 mm

Number of rows 2  
Clamping flange Lock & Release  
Pin Design Linear Pin Arrangement  
Number of Solder Pins Per Potential 1  
Electrical PropertiesNominal Current IN 8 A  
Nominal voltage UN 160 V  
Degree of pollution 3  
Contact resistance 2 m?  
Sizing voltage (III/3) 160 V  
Dimensioning transient voltage (III/3) 2.5 kV  
Dimensioning voltage (III/2) 160 V  
Dimensioning Transient Voltage (III/2) 2.5 kV  
Nominal voltage (II/2) 250 V  
Dimensioning transient voltage (II/2) 2.5 kV  
assemblyType of mounting Solder THR  
Pin Design Linear Pin Arrangement  
Processing Instructions  
Process Reflow/Wave Soldering  
Moisture Sensitive Level MSL 1  
Classification Temperature Tc 260 °C  
Welding cycles. by reflux 3  
Material DataMaterial data - contact  
Contact material Cu Alloy  
Surface Characteristics Galvanically tinned  
Metal surface contact area (top layer) Tin (3 - 5 um Sn)  
Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 um Ni)  
Metal surface weld area (top layer) Tin (3 - 5 um Sn)  
Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um Ni)  
Material data - housing  
Color (Housing) Black (9005)  
Insulating material LCP  
Insulating material group IIIa  
CTI according to IEC 60112 175  
Flammability class according to UL 94 V0  
DimensionsDimension Scheme  
Step 3.5 mm  
Width [w] 70 mm  
Height [h] 12.8 mm  
Length...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/18-G1-3,5-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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