

## INDUSTRIAL COMPONENT DATA

# DMC 1,5/ 5-G1-3,5-LR P20THR 1535178 PHOENIX CONTACT

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

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



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/ 5-G1-3,5-LR P20THR     |
| Catalog number  | 1535178                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-9D7AA0C171                   |
| 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: 5, family of articles: 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: 5, 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

PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of rows: 2, number of positions: 5, product range: DMC 1,5/..-G1-LR-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm,...

## 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 dataProduct propertiesType Headers

Product line COMBICON Connectors S

Product type PCB headers

Product family DMC 1,5/..-G1-LR-THR  
Number of positions 5  
Pitch 3.5 mm  
Number of rows 2  
Mounting flange Lock & Release  
Pin layout Linear pinning  
Solder pins per potential 1  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Degree of pollution 3  
Contact resistance 2 m?  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 250 V  
Rated surge voltage (II/2) 2.5 kV  
MountingMounting type THR soldering  
Pin layout Linear pinning  
Processing notes  
Process Reflow/wave soldering  
Moisture Sensitive Level MSL 1  
Classification temperature Tc 260 °C  
Solder cycles in the reflow 3  
Material specificationsMaterial data - contact  
Contact material Cu alloy  
Surface characteristics Tin-plated  
Metal surface contact area (top layer) Tin (3 - 5 µm Sn)  
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni)  
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)  
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)  
Material data - housing  
Color (Housing) black (9005)  
Insulating material LCP  
Insulating material group IIIa  
CTI according to IEC 60112 175  
Flammability rating according to UL 94 V0  
DimensionsDimensional drawing  
Pitch 3.5 mm  
Width [w] 24.5 mm  
Height [h] 12.8 mm  
Length [l] 11.6 mm  
Installed height 10.8 mm  
Solder pin length [P] 2 mm  
Pin dimensions 0.8 x 0.8...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 5-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

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