INDUSTRIAL COMPONENT DATA

DMC 1,5/20-G1-3,5-LR P20THR 1535159 PHOENIX CONTACT Printed circuit board base housing, nominal section: 1.5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/20-G1-3,5-LR P20THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 1,5/20-G1-3,5-LR P20THR
Catalog number	1535159
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-C79DAB061F
Generated	2026-11-19

Product Overview

Printed circuit board base housing, nominal section: 1.5 mm², 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: 20, 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 mm², nominal current: 8 A, nominal voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, number of rows: 2, number of poles: 20, 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 mm2, 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: 20, product range: DMC 1,5/..-G1-LR-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2....

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

Technical dataProduct propertiesType Headers
Product line COMBICON Connectors S
Product type PCB headers

Product family DMC 1,5/..-G1-LR-THR
Number of positions 20
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] 77 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 1,5/20-G1-3,5-LR P20THR with the required quantity to info@electricaonline.com or use 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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