INDUSTRIAL COMPONENT DATA

DMC 1,5/ 9-G1F-3,5-LR P20THR 1787085 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/ 9-G1F-3,5-LR P20THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 1,5/ 9-G1F-3,5-LR P20THR
Catalog number	1787085
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-01EDECA2B5
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 18, number of rows: 2, number of poles: 9, number of connections: 18, family of articles: 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 header, nominal cross-section: 1.5 mm2, colour: black, nominal current: 8 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 18, number of rows: 2, number of poles: 9, number of connections: 18, article range: DMC 1.5/.. -G1F-THR, pitch: 3.5 mm, mounting: THR welding / Wave welding, spindle plane: Linear pinout, spindle length [P]: 2 mm, number of pins per potential: 1, Plug-in system: COMBICON DFMC 1.5, Orientation of the mating pattern: Standard, Locking: Snap-on locking, Fastening type: Threaded flange Lock & Release, packaging type: packed in a 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 1787085
Packing unit 50 pc
Minimum order quantity 50 pc

Note Made to Order (non-returnable)
Catalog page Page 187 (C-1-2013)
GTIN 4046356596695
Weight per Piece (excluding packing) 5.310 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 11.6 mm
Width 38.5 mm
Pitch 3.5 mm
Dimension a 28 mm
Width [w] 38.5 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 IN 8 A
Maximum load current 8 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 9
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 12.0139121...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 9-G1F-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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