INDUSTRIAL COMPONENT DATA

DMC 1,5/ 8-G1-3,5 P20THR R56 1816179 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/ 8-G1-3,5 P20THR R56



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 1,5/ 8-G1-3,5 P20THR R56
Catalog number	1816179
Category	Printed circuit board connector
Minimum order	180 Pcs
Document ID	EO-31D06ADB7E
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Printed circuit board base case, 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: 16, number of rows: 2, number of poles: 8, number of connections: 16, family of articles: DMC 1.5/.. -G1-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: without, fixing type: without, packaging type: 56 mm wide strap

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 1816179
Packing unit 180 pc
Minimum order quantity 180 pc
Note Made to Order (non-returnable)
Catalog page Page 188 (C-1-2013)
GTIN 4046356757584
Weight per Piece (excluding packing) 6.710 g
Custom tariff number 85366930
Country of origin CN (China)

Dimensions
Length [l] 11.6 mm
Width 28.8 mm
Pitch 3.5 mm
Dimension a 24.5 mm
Width [w] 28.8 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/..-G1-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 8
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 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 8-G1-3,5 P20THR R56 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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