INDUSTRIAL COMPONENT DATA

MCV 1,5/16-GF-3,81 P20 THRR104 1828646 PHOENIX CONTACT PCB headers, nominal current: 8 A, rated voltage (III..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/16-GF-3,81 P20 THRR104



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/16-GF-3,81 P20 THRR104
Catalog number	1828646
Category	Printed circuit board connector
Minimum order	200 Pcs
Document ID	EO-7AC74C596A
Generated	2026-11-19

Product Overview

PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering
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: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: MCV 1.5/.. -GF-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: 104 mm wide strap
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 16, pitch: 3.81 mm, color: black, contact surface: Tin, 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 > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data
Orderkey 1828646
Packing unit 1
Catalog page Page 21 (NTK-2014)
GTIN 4046356866958

Custom tariff number 85366930
Drawings
General
Environmental Product Compliance
Dimensions
Standards and Regulations
Classifications
Drawings
Drilling diagram
Diagram
Dimensional drawing
Back to topDimensions
Length [l] 7 mm
Width 71.35 mm
Pitch 3.81 mm
Dimension a 57.15 mm
Width [w] 71.35 mm
Height [h] 11.2 mm
Height 9.2 mm
Length of the solder pin 2 mm
Pin dimensions 0.8 x 0.8 mm
Length 7 mm
Back to topGeneral
Range of articles MCV 1,5/..-GF-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 16
Back to topStandards and Regulations
Connection in acc. with standard EN-VDE
Flammability rating according to UL 94 V0
Back to topEnvironmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50 years
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Back to topClassifications
eCl@ss

eCl@ss 4.0 27260700
eCl@ss 4.1 27260700
eCl@ss 5.0 27260700
eCl@ss 5.1 27260700
eCl@ss 6.0 27260700
eCl@ss 7.0 27440402
eCl@ss 8.0 27440402
eCl@ss 9.0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/16-GF-3,81 P20 THRR104 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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