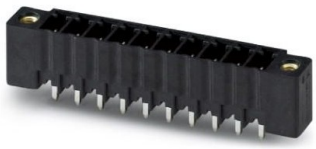
INDUSTRIAL COMPONENT DATA

MCV 1,5/18-GF-3,81 P20 THR 1829027 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/18-GF-3,81 P20 THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/18-GF-3,81 P20 THR
Catalog number	1829027
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-D86637A5CF
Generated	2026-11-19

Product Overview

Feed-through header
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: 1, number of poles: 18, number of connections: 18, 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, fastening type: Air clamping (thread), packaging type: boxed, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads

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 1829027
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 19 (NTK-2014)
GTIN 4046356869225
Weight per Piece (excluding packing) 5.500 g
Custom tariff number 85366930

Country of origin DE (Germany)
Dimensions
Length [l] 7 mm
Width 78.97 mm
Pitch 3.81 mm
Dimension a 64.77 mm
Width [w] 78.97 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
General
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 18
Standards and Regulations
Connection in acc. with standard EN-VDE
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPS...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/18-GF-3,81 P20 THR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.