INDUSTRIAL COMPONENT DATA

MCD 1,5/ 8-GF-3,81 1830169 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 1,5/ 8-GF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCD 1,5/ 8-GF-3,81
Catalog number	1830169
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-DBBF457374
Generated	2026-11-18

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 1.5 mm², color: green, 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: MCD 1.5/.. -GF, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 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: boxed packaging, In the case of a combination with MCV plug-in parts, an MCVW connector and an MCVR connector must be used, respectively.

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 1830169
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 235 (C-1-2013)
GTIN 4017918111298
Weight per Piece (excluding packing) 8.750 g
Custom tariff number 85366930
Country of origin DE (Germany)

Dimensions
Length [l] 21.9 mm
Width 40.87 mm
Pitch 3.81 mm
Dimension a 26.67 mm
Width [w] 40.87 mm
Height [h] 26.2 mm
Height 22.7 mm
Length of the solder pin 3.5 mm
Pin dimensions 0.8 x 0.8 mm
Pin spacing 12.70 mm
Length 21.9 mm
General
Range of articles MCD 1,5/..-GF
Insulating material group I
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) 320 V
Connection in acc. with standard EN-VDE
Nominal current IN 8 A
Maximum load current 8 A
Insulating material PA
Flammability rating according to UL 94 V0
Color green
Number of positions 8
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
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 4.0272607xxeCl@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 11...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 1,5/ 8-GF-3,81 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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