INDUSTRIAL COMPONENT DATA

# MCDV 1,5/16-G1F-3,81 1842908 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDV 1,5/16-G1F-3,81**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MCDV 1,5/16-G1F-3,81 |
| Catalog number | 1842908 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-5252669637 |
| 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: 32, number of rows: 2, number of poles: 16, number of connections: 32, family of articles: MCDV 1.5/.. -G1F, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 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 1842908
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 237 (C-1-2013)
GTIN 4017918112103
Weight per Piece (excluding packing) 20.130 g
Custom tariff number 85366930

Country of origin DE (Germany)
Dimensions
Length [ l ] 22.7 mm
Width 71.35 mm
Pitch 3.81 mm
Dimension a 57.15 mm
Width [ w ] 71.35 mm
Height [ h ] 25.3 mm
Height 21.9 mm
Length of the solder pin 3.4 mm
Pin dimensions 0.8 x 0.8 mm
Pin spacing 15.24 mm
Length 22.7 mm
General
Range of articles MCDV 1,5/..-G1F
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 16
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 7.090139121409UNSPS...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDV 1,5/16-G1F-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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