

INDUSTRIAL COMPONENT DATA

MCDV 1,5/12-G-3,81 1830509 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDV 1,5/12-G-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDV 1,5/12-G-3,81
Catalog number	1830509
Category	Printed circuit board connector
Minimum order	30 Pcs
Document ID	EO-0F016DA084
Generated	2026-07-28

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: 24, number of rows: 2, number of poles: 12, number of connections: 24, family of articles: MCDV 1.5/.. -G, 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, lock: without, fixing type: without, packaging type: box-packed, In the case of a combination with MCV plug-in parts, an MCVW connector and an MCVR connector should 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 1830509

Packing unit 50 pc

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GTIN 4017918110536

Weight per Piece (excluding packing) 9.220 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 22.7 mm

Width 47.11 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Width [w] 47.11 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/...-G

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 I_N 8 A

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 12

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: 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 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 1830509 Connecto...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDV 1,5/12-G-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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