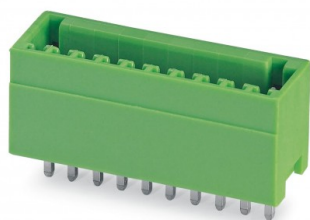


INDUSTRIAL COMPONENT DATA

MCV 0,5/ 8-G-2,5 1881613 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 8-G-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/ 8-G-2,5
Catalog number	1881613
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-8829692AF9
Generated	2026-07-28

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: MCV 0.5/.. -G, pitch: 2.5 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 FK-MC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

PCB header, nominal cross-section: 0.5 mm², colour: green, nominal current: 4 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, item range: MCV 0.5/.. -G, pitch: 2.5 mm, mounting: Wave welding, spindle plane: Linear pinout, spindle length [P]: 3.5 mm, number of pins per potential: 1, Plug-in system: COMBICON FK-MC 0.5, Orientation of the plug-in pattern: Standard, locking: without, fastening type: without, packaging type: packed in a carton

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)
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Additional Product Information

Key Commercial Data

Orderkey 1881613

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918156855

Weight per Piece (excluding packing) 1.500 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 8.1 mm

Width 22.2 mm

Pitch 2.5 mm

Dimension a 17.5 mm

Width [w] 22.2 mm

Height [h] 13.6 mm

Height 10.1 mm

Length of the solder pin 3.5 mm

Pin dimensions 0.8 x 0.8 mm

Length 8.1 mm

General

Range of articles MCV 0,5/..-G

Insulating material group I

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 80 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 4 A

Maximum load current 4 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

CUL

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 1881613 Connector...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 8-G-2,5 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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