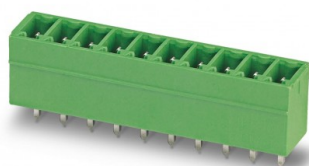


INDUSTRIAL COMPONENT DATA

MCV 1,5/ 2-G-3,81 AU 1861950 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 2-G-3,81 AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 2-G-3,81 AU
Catalog number	1861950
Category	Printed circuit board connector
Minimum order	250 Pcs
Document ID	EO-37F5A5E7AA
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MCV 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: boxed

PCB base socket, nominal cross-section: 1.5 mm², colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Au, contact connection type: plug, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, product series: MCV 1.5/.. -G, pitch: 3.81 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.4 mm, number of solder pins per potential: 1, plug system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: none, fixing type: none, packaging type: packed in 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 1861950

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918265786

Weight per Piece (excluding packing) 0.560 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 7.25 mm

Width 9.01 mm

Pitch 3.81 mm

Dimension a 3.81 mm

Width [w] 9.01 mm

Height [h] 12.6 mm

Height 9.2 mm

Length of the solder pin 3.4 mm

Pin dimensions 0.8 x 0.8 mm

Length 7.25 mm

General

Range of articles MCV 1,5/...-G

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

Insulating material PBT

Flammability rating according to UL 94 V0

Color green

Number of positions 2

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 1861950 Connectors (EC002637)

Feature Name

Feature Value

Connector m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 2-G-3,81 AU 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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