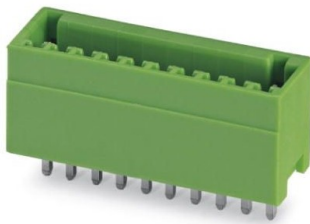


INDUSTRIAL COMPONENT DATA

MCV 0,5/ 8-G-2,5 GY SO 1700991 PHOENIX CONTACT

Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/ 8-G-2,5 GY SO
Catalog number	1700991
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-AE23AC9F9C
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Printed circuit board base case, nominal section: 0.5 mm², color: gray, 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

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 1700991

Packing unit 1

GTIN 4046356508681

Custom tariff number 85366930

Dimensions

Length [L] 8.1 mm

Width 21.9 mm

Pitch 2.5 mm

Dimension a 17.5 mm

Width [w] 21.9 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

Rated voltage (III/3) 80 V

Connection in acc. with standard EN-VDE

Nominal current IN 4 A

Color gray

Number of positions 8

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xeCl@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 1700991 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

8

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

2.5 mm

Modular spacing connections (EF006827)

2.5 mm

Rated current In (EF008250)

4 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Material of contact surfa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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