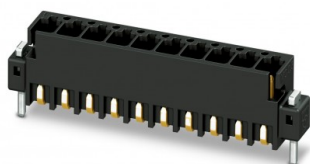


INDUSTRIAL COMPONENT DATA

MCV 0,5/ 6-G-2,54 SMDR44C2 1706089 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 6-G-2,54 SMDR44C2



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/ 6-G-2,54 SMDR44C2
Catalog number	1706089
Category	Printed circuit board connector
Minimum order	315 Pcs
Document ID	EO-5E133C9D4C
Generated	2026-08-04

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Gold, contact type: Male, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, article family: MCV 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pad geometry, pin length [P]: 2 mm, Stecksystem: MICRO COMBICON - FMC 0.5, Lock: without, packaging type: 44 mm wide strap, Fixed last pole coding, can be combined with FMC 0.5/...-ST-2.54 C2 connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Au, contact connection type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: MCV 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pad geometry, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, Fixed last pole coding, can be combined with FMC 0.5/...-ST-2.54 C2 connector

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 1706089

Packing unit 315 pc

Minimum order quantity 315 pc

Note Made to Order (non-returnable)

Catalog page Page 179 (C-1-2013)

GTIN 4046356842495

Weight per Piece (excluding packing) 2.530 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 4.85 mm

Width 19.82 mm

Pitch 2.54 mm

Dimension a 12.7 mm

Width [w] 19.82 mm

Height [h] 7.1 mm

Height 7.1 mm

Length of the solder pin 2 mm

Pin dimensions 0.64 x 0.64 mm

Length 4.85 mm

General

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

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) 32 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current I_N 6 A

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 6-G-2,54 SMDR44C2 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.