

INDUSTRIAL COMPONENT DATA

SMC 1,5/ 6-G-3,81 BK 1944039 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMC 1,5/ 6-G-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMC 1,5/ 6-G-3,81 BK
Catalog number	1944039
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-BD38E3CDF7
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: SMC 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

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 1944039

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918848668

Weight per Piece (excluding packing) 1.580 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 13.1 mm

Width 24.25 mm

Pitch 3.81 mm

Dimension a 19.05 mm

Width [w] 24.25 mm

Height [h] 14.5 mm

Height 11 mm

Length of the solder pin 3.5 mm

Pin dimensions 0.8 x 0.8 mm

Length 13.1 mm

General

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

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Color black

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

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 1944039 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

6

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

3.81 mm

Modular spacing connections (EF006827)

3.81 mm

Rated current In (EF008250)

8 A

Rate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMC 1,5/ 6-G-3,81 BK 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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