

INDUSTRIAL COMPONENT DATA

SMC 1,5/16-G-3,81 1827415 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMC 1,5/16-G-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMC 1,5/16-G-3,81
Catalog number	1827415
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-631ECBE1A6
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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: Tin, contact type: Male, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, 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

PCB base strip, Nominal cross-section: 1.5 mm², Color: green, Rated current: 8 A, Rated voltage (III/2): 160 V, Contact surface: Sn, Contact type: Pin, Number of potentials: 16, Number of rows: 1, Number of poles: 16, Number of terminals: 16, Product family: SMC 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, Mating System: COMBICON MC 1.5, Mating Face Alignment: Standard, Latching: None, Mounting Type: None, Packaging Type: Packed in a Box

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 1827415

Packing unit 50 pc

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GTIN 4017918114534

Weight per Piece (excluding packing) 4.180 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 13.1 mm

Width 62.35 mm

Pitch 3.81 mm

Dimension a 57.15 mm

Width [w] 62.35 mm

Height [h] 14.4 mm

Height 11 mm

Length of the solder pin 3.4 mm

Pin dimensions 0.8 x 0.8 mm

Length 13.1 mm

General

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

Insulating material group I

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) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 16

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMC 1,5/16-G-3,81 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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