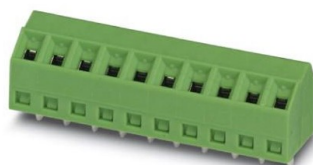


INDUSTRIAL COMPONENT DATA

SMKDS 1/ 8-3,5 BD:28-27 1701207 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 8-3,5 BD:28-27



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 8-3,5 BD:28-27
Catalog number	1701207
Category	Printed circuit board terminal
Minimum order	1500 Pcs
Document ID	EO-DABF3116B3
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 10 A, nominal voltage (III/2): 200 V, nominal section: 1 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, family of articles: SMKDS 1, pitch: 3.5 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor connection direction/printed circuit board: 35 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, 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)

Additional Product Information

Key Commercial Data

Orderkey 1701207

Packing unit 1

GTIN 4055626367460

Custom tariff number 85369010

Dimensions

Length [l] 10 mm

Pitch 3.5 mm

Dimension a 24.5 mm

Width [w] 28.5 mm

Height 9.5 mm

Height [h] 13 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles SMKDS 1

Insulating material group I

Rated voltage (III/2) 200 V

Nominal current IN 10 A

Nominal cross section 1 mm²

Solder pin surface

Flammability rating according to UL 94 V0

Number of positions 8

Screw thread M2

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002637

ETIM for 1701207 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

13 mm

Number of electrical connections (EF008252)

8

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.5 mm

Rated current In (EF008250)

10 A

Rated voltage (EF000228)

200 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.14 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF0073...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 8-3,5 BD:28-27 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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