

INDUSTRIAL COMPONENT DATA

SMKDS 1/ 8-3,5 BK 1800074 PHOENIX CONTACT Printed circuit board terminal, rated current: 10 A, rated voltage..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 8-3,5 BK
Catalog number	1800074
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-067968F919
Generated	2026-08-06

Product Overview

Printed circuit board terminal, rated current: 10 A, rated voltage (III/2): 200 V, rated cross-section: 1 mm², number of rows: 1, number of poles per row: 8, item family: SMKDS 1, pitch: 3.5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, Mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

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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

ETIM for 1800074 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

13 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.5 mm

Rated current I_n (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 (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.14 mm²

Connectable conductor cross section multi-wired (EF007343)

0.14 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.1 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 8-3,5 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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