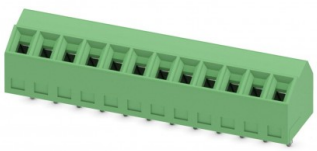
INDUSTRIAL COMPONENT DATA

SMKDS 1/12-3,5 1751196 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/12-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/12-3,5
Catalog number	1751196
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-19FA4C7338
Generated	2026-08-01

Product Overview

PCB terminal block
Terminal block for printed circuit board, nominal current: 10 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: SMKDS 1, pitch: 3.5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 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 1751196
Packing unit 50 pc
Catalog page Page 85 (C-1-2013)
GTIN 4017918103798
Weight per Piece (excluding packing) 6.650 g
Custom tariff number 85369010
Country of origin DE (Germany)
Dimensions
Length [l] 10 mm

Pitch 3.5 mm
Dimension a 38.5 mm
Width [w] 42.5 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 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) 200 V
Rated voltage (II/2) 400 V
Connection in acc. with standard EN-VDE
Nominal current IN 10 A
Nominal cross section 1 mm²
Maximum load current 12 A
Insulating material PA
Solder pin surface
Flammability rating according to UL 94 V0
Stripping length 5 mm
Number of positions 12
Screw thread M2
Tightening torque, min 0.22 Nm
Tightening torque max 0.25 Nm
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 1.5 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 1 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²
Conductor cross section AWG min....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/12-3,5 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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