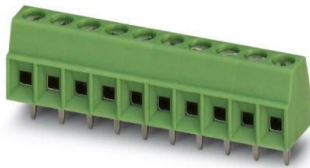


INDUSTRIAL COMPONENT DATA

MKDS 1/14-3,5 GY PIN 2,0MM SO 1990287 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/14-3,5 GY PIN 2,0MM SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/14-3,5 GY PIN 2,0MM SO
Catalog number	1990287
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-6940A49682
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal cross-section: 1.5 mm², number of potentials: 14, number of rows: 1, number of poles per row: 14, article family: MKDS 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: 0°, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of soldering 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 1990287

Packing unit 50 pc

Minimum order quantity 1000 pc

GTIN 4017918953119

Weight per Piece (excluding packing) 6.980 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles MKDS 1
Pitch 3.5 mm
Number of positions 14
Connection method Screw connection with tension sleeve
Drive form screw head Slotted (L)
Screw thread M2
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Number of connections 14
Number of potentials 14
Electrical parameters
Rated current 13.5 A
Rated insulation voltage (III/2) 200 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
Conductor cross section AWG / kcmil 26 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²
2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²
2 conductors with same cross section, flexible 0.14 mm² ... 0.34 mm²
Stripping length 5 mm
Torque 0.22 Nm ... 0.25 Nm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)
Metal surface soldering a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/14-3,5 GY PIN 2,0MM SO 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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