INDUSTRIAL COMPONENT DATA

BCP-500- 9 BK 5452219 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-9 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-500-9 BK
Catalog number	5452219
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-CA2CF36895
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Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, family of articles: BCP, pitch: 5 mm, type of connection: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross-section: 2.5 mm2, color: black, rated current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact type: socket, number of potentials: 9, number of rows: 1, number of poles: 9, number of connectors: 9, article family: BCP, pitch: 5 mm, connection type: screw connection with pull sleeve, screw attachment shape: L longitudinal slot, connection direction conductor/board: 0 °, locking hook: - locking hook, connector system: BASICLINE 2.5, locking: without, mounting type: Packing type: packed in carton

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 5452219
Packing unit 100 pc
Minimum order quantity 100 pc
Note Made to Order (non-returnable)

GTIN 4046356853620
Weight per Piece (excluding packing) 14.620 g
Custom tariff number 85366990
Country of origin CN (China)
Dimensions
Length [l] 18.2 mm
Width [w] 45 mm
Height [h] 15 mm
Pitch 5 mm
Dimension a 40 mm
General
Range of articles BCP
Number of positions 9
Connection method Screw connection with tension sleeve
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 250 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A (with a 2.5 mm² conductor cross section)
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 7 mm
Screw thread M3
Tightening torque, min 0.4 Nm
Tightening torque max 0.5 Nm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-9 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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