INDUSTRIAL COMPONENT DATA

BCP-381F- 7 GN 5448103 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381F-7 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-381F-7 GN
Catalog number	5448103
Category	Cable connector
Minimum order	100 Pcs
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Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal cross-section: 1.5 mm², color: off-white green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, article family: BCP-F, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, conductor/printed circuit board connection direction: 0 °, plug-in system: BASICLINE 1.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed
PCB connector, nominal cross section: 1.5 mm2, color: pastel green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: BCP-F, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: BASICLINE 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector
Product family BCP-F
Product line COMBICON Connectors S
Type Standard
Number of positions 7

Pitch 3.81 mm
Number of connections 7
Number of rows 1
Number of potentials 7
Mounting flange Screw flange
Data management status
Article revision 01
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 2 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Standard
Connector system BASICLINE 1,5
Nominal cross section 1.5 mm²
Contact connection type Socket
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection method Screw connection with tension sleeve
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²
2 conductors with same cross section, solid 0.2 mm² ... 0.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381F-7 GN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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