INDUSTRIAL COMPONENT DATA

BCP-508F- 6 GN BD:1-6 1098479 PHOENIX CONTACT Connector for printed circuit board, number of poles: 6, pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508F-6 GN BD:1-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-508F-6 GN BD:1-6
Catalog number	1098479
Category	Cable connector
Minimum order	2000 Pcs
Document ID	EO-285BE81A5F
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 6, pitch: 5,08 mm, color: whitish green
Connector for printed circuit board, nominal cross-section: 2.5 mm², color: off-white, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 6, article family: BCP-F, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal groove, connection direction conductor/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: BASICLINE 2.5, locking: Screw lock, fixing type: Air clamping (screw), 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector
Product Family BCP-F
Product Line COMBICON Connectors M
Number of poles 6
Step 5.08 mm
Number of rows 1
Data Maintenance Status
Article Review 01
Electrical PropertiesNominal Current IN 12 A
Nominal voltage UN 320 V

Sizing voltage (III/3) 250 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 320 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 630 V
Dimensioning transient voltage (II/2) 4 kV
Connection dataConnection technology
Construction Standard
Connector System BASICLINE 2.5
Nominal Section 2.5 mm²
Contact Connection Type Female
Blockade
Locking system Screw lock
Clamping flange Overhead clamping (screw)
Tightening torque 0.3 Nm
Connecting Conductors
Connection type Screw connection with traction capsule
Connection Direction Driver/PCB 0 °
Rigid conductor section 0.2 mm² ... 2.5 mm²
Flexible conductor section 0.2 mm² ... 2.5 mm²
AWG Conductor Section 24 ... 12
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 2.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with the same cross-section, rigid 0.2 mm² ... 1 mm²
2 conductors with the same cross-section, flexible 0.2 mm² ... 1.5 mm²
2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 1 mm²
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm²...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508F-6 GN BD:1-6 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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