

INDUSTRIAL COMPONENT DATA

BCP-500- 3 GYCP2 BD:1/+ SO 5430141 PHOENIX CONTACT
PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-3 GYCP2 BD:1/+ SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-500-3 GYCP2 BD:1/+ SO
Catalog number	5430141
Category	Printed circuit board connector
Minimum order	1 Pcs
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Product Overview

BCP-500- 3 GYCP2 BD:1/+ SO 5430141 PHOENIX CONTACT PCB connector

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Type of connection (EF000064)	Other
Contact type (EF001587)	Bus
Number of poles (EF001391)	3
Number of plug-in contact rows (EF006935)	1
Modular spacing contacts (EF007326)	5 mm
Modular spacing connections (EF006827)	5 mm
Angle contact/conductor connection (EF007546)	Other
Rated current In (EF008250)	12 A
Rated voltage (EF000228)	320 V
Rated surge voltage (EF002993)	4 kV
Over voltage category (EF006785)	III
Pollution degree (EF006786)	2
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)	0.2 mm ²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	0.25 mm ²
Connectable conductor cross section solid-core (EF007337)	0.2 mm ²

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Type of electric connection (EF003961)	Screw connection
Connectable cable type (EF006816)	Tubular cable
Material of contact surface (EF004020)	Tin
Material contact (EF007544)	Copper
Material insulation body (EF007543)	Polyamide (PA)
Housing material (EF001596)	Other
Housing colour (EF000136)	Other
Inflammability class of insulation material according to UL94 (EF002521)	V0
Operating temperature (EF002393)	-40 °C

Classification & Catalog Path

eCl@ss 7.1	21043711
eCl@ss 8.0	21043711
eCl@ss 9.0	21043711
ETIM 5.0	EC002246
ETIM 6.0	EC002246
ETIM 7.0	EC002246
Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

PCB connector

Connector for printed circuit board, nominal section: 2.5 mm², color: signal gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, article family: BCP, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: packed in box

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-3 GYCP2 BD:1/+ 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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