

INDUSTRIAL COMPONENT DATA

ICC 2,5/ 8-STZ-5,08 1823901 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICC 2,5/ 8-STZ-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICC 2,5/ 8-STZ-5,08
Catalog number	1823901
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-A5A92CBFBF
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Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: ICC 2.5/..-STZ, pitch: 5.08 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Socket locking, fixing type: Socket protrusion, packaging type: packed in box, Corresponding crimped male contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm²]: 10A/ICC-MT 0.5-1.0 (3190577); 10A/ICC-MT 0.5-1.0 BA (3190603); 12A/ICC-MT 1.5-2.5 (3190580); 12A/ICC-MT 1.5-2.5 BA (3190593). BA = Contacts on Ribbon PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: ICC 2,5/..-STZ, pitch: 5. BA = Bandkontakte.

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 ICC 2,5/..-STZ

Product line COMBICON Connectors M

Type Inverted

Number of positions 8

Pitch 5.08 mm
Number of connections 8
Number of rows 1
Number of potentials 8
Mounting flange without
Data management status
Article revision 00
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type Inverted
Connector system COMBICON MSTB 2,5
Nominal cross section 2.5 mm²
Contact connection type Pin
Interlock
Locking type Snap-in locking
Mounting flange Engagement nose
Conductor connection
Connection method Crimp connection
Conductor/PCB connection direction 0 °
Conductor cross section flexible 0.5 mm² ... 2.5 mm²
Conductor cross section AWG 20 ... 14
Material specificationsMaterial data - housing
Color (Housing) green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
DimensionsDimensional drawing
Pitch 5.08 mm
Width [w] 46.43 mm
Height [h] 10.6 mm
Length [l] 28.1 mm
NotesNotes on operation In accordanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICC 2,5/ 8-STZ-5,08 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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