INDUSTRIAL COMPONENT DATA

ISPC 16/ 2-STGF-10,16 1748707 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ISPC 16/ 2-STGF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	ISPC 16/ 2-STGF-10,16
Catalog number	1748707
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-84505A0495
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: ISPC 16/.. -STGF, pitch: 10.16 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 0°, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: Screw locking, fixing type: Air clamping (thread), 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

Key Commercial Data
Orderkey 1748707
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 565 (C-1-2013)
GTIN 4046356310833
Weight per Piece (excluding packing) 19.100 g
Custom tariff number 85366990
Country of origin IN (India)

Item properties
Brief article description Printed-circuit board connector
Plug-in system POWER COMBICON 16
Type of contact Male connector
Range of articles ISPC 16/..-STGF
Pitch 10.16 mm
Number of positions 2
Connection method Push-in spring connection
Locking Threaded flange
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 76 A
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Connection capacity
Conductor cross section solid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG / kcmil 18 ... 4
Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 10 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm² ... 4 mm²
Stripping length 18 mm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Silver (4 - 8 µm Ag)
Metal surface contact area (top layer) Silver (4 - 8 µm Ag)
Material data - housing
Insula...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ISPC 16/ 2-STGF-10,16 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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