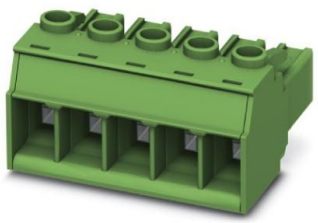
INDUSTRIAL COMPONENT DATA

PC 5/ 6-ST1-7,62 1777765 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 6-ST1-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 6-ST1-7,62
Catalog number	1777765
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-6B55967CA6
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: PC 5/.. -ST1, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON PC 5, locking: without, fixing type: without, 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 1777765
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 524 (C-1-2013)
GTIN 4046356522908
Weight per Piece (excluding packing) 25.700 g
Custom tariff number 85366990
Country of origin DE (Germany)

Dimensions
Length [l] 35.25 mm
Width [w] 45.67 mm
Height [h] 19.7 mm
Pitch 7.62 mm
Dimension a 38.1 mm
General
Range of articles PC 5/..-ST1
Number of positions 6
Connection method Screw connection with tension sleeve
Insulating material group I
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 1000 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Nominal current IN 41 A
Nominal cross section 6 mm²
Maximum load current 41 A
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A4
Stripping length 10 mm
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.8 Nm
Note Tightening torque <= 4 mm² is 0.5 Nm to 0.6 Nm,> 4 mm² is 0.7 Nm to 0.8 Nm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 10 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 6-ST1-7,62 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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