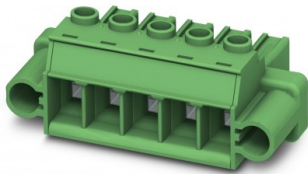


INDUSTRIAL COMPONENT DATA

PC 5/ 6-STF1-7,62 1777875 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 6-STF1-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 6-STF1-7,62
Catalog number	1777875
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E701047EA5
Generated	2026-07-27

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 type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of items: PC 5/.. -STF1, 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: - without clamping hook, plug-in system: COMBICON PC 5, locking: Screw lock, fixing type: Air clamping (screw), packaging type: Boxed Packaging

PCB connector, nominal cross-section: 6 mm², colour: green, rated current: 41 A, dimensioning voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, product series: PC 5/.. -STF1, pitch: 7.62 mm, connection type: Screw connection with cage, screw attachment form: H1L Philipps Recess with longitudinal slot, conductor/board connection direction: 0 °, locking hook: - without locking hook, plug system: COMBICON PC 5, locking: Screw locking, fixing type: Screw flange, packaging type: packed in carton

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 1777875

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 525 (C-1-2013)

GTIN 4046356523011

Weight per Piece (excluding packing) 29.480 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 35.5 mm

Width [w] 60.95 mm

Height [h] 19.7 mm

Pitch 7.62 mm

Dimension a 38.1 mm

General

Range of articles PC 5/...-STF1

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 I_N 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-STF1-7,62 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.