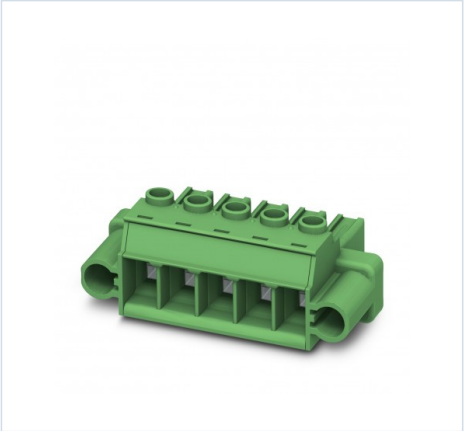
INDUSTRIAL COMPONENT DATA

# 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-251642C236 |
| 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 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 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-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

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