

INDUSTRIAL COMPONENT DATA

IMC 1,5/13-STGF-3,81 1858141 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: IMC 1,5/13-STGF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	IMC 1,5/13-STGF-3,81
Catalog number	1858141
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-47A857C61F
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: green, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, Number of potentials: 13, Number of rows: 1, Number of poles per row: 13, number of connections: 13, family of articles: BMI 1.5/.. -STGF, pitch: 3.81 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, Stecksystem: MINI COMBICON, Lock: Screw lock, packaging type: box packed

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 1858141

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918144388

Weight per Piece (excluding packing) 10.880 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 17.9 mm

Width [w] 59.92 mm

Height [h] 11.1 mm

Pitch 3.81 mm

Dimension a 45.72 mm

General

Range of articles IMC 1,5/..-STGF

Number of positions 13

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1.5 mm²

Maximum load current 8 A (with 1.5 mm² conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IMC 1,5/13-STGF-3,81 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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