

INDUSTRIAL COMPONENT DATA

PST 1,0/20-3,5 1945274 PHOENIX CONTACT Pin strip

Brand: PHOENIX CONTACT | Manufacturer Part Number: PST 1,0/20-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	PST 1,0/20-3,5
Catalog number	1945274
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-E7ABBD2FA5
Generated	2026-08-05

Product Overview

Pin strip

Male connector, nominal section: 0.5 mm², color: black, nominal current: 8 A (Depending on the connector used), nominal voltage (III/2): 250 V, contact surface: Tin, contact type: Male, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: PST 1.0/.. -V, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, plug-in system: COMBICON PST 1.0, locking: without, fixing type: without, packaging type: boxed, The maximum current depends on the connector used. Of the two current values, the lower value for the connector and the male connector is decisive. The plug is made of high-temperature resistant plastic, making it suitable for the reflow soldering process.

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 1945274

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918883447

Weight per Piece (excluding packing) 2.170 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 2.8 mm

Width 70 mm

Pitch 3.5 mm

Dimension a 66.5 mm

Width [w] 70 mm

Height [h] 13 mm

Height 9.5 mm

Length of the solder pin 3.8 mm

Pin dimensions $\varnothing$ 1 mm

Length 2.8 mm

General

Range of articles PST 1,0/...-V

Insulating material group IIIa

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) 250 V

Rated voltage (II/2) 250 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A (depends on the plug used)

Maximum load current 8 A (depends on the plug used)

Insulating material PA

Flammability rating according to UL 94 V0

Color black

Number of positions 20

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1134131203UNSPSC 12.0139121432UNSPSC

13.239121409

ETIM for 1945...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PST 1,0/20-3,5 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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