

INDUSTRIAL COMPONENT DATA

PST 1,3/ 7-5,0 GY VPE100 1701239 PHOENIX CONTACT Pin strip

Brand: PHOENIX CONTACT | Manufacturer Part Number: PST 1,3/ 7-5,0 GY VPE100



Manufacturer	PHOENIX CONTACT
MPN / Reference	PST 1,3/ 7-5,0 GY VPE100
Catalog number	1701239
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-200A23EA5B
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Product Overview

Pin strip

Male connector, nominal section: 1.5 mm², color: gray, nominal current: 12 A (Depending on the connector used), nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: PST 1.3/..-V, pitch: 5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, plug-in system: COMBICON PST 1.3, 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.

Pin strip, nominal cross section: 1.5 mm², color: gray, nominal current: 12 A (depends on the plug used), rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: PST 1,3/..-V, pitch: 5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, plug-in system: COMBICON PST 1,3, locking: without, mounting: without, type of packaging: packed in cardboard, The maximum current depends on the plug used. The lower of the two current values apply for plug...

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

Technical dataProduct propertiesProduct type Pin strip

Product family PST 1,3/..-V

Product line COMBICON Connectors M

Number of positions 7

Pitch 5 mm

Number of connections 7

Number of rows 1

Number of potentials 7

Mounting flange without

Pin layout Linear pinning

Data management status

Article revision 01

Electrical propertiesNominal current I_N 12 A (depends on the plug used)

Nominal voltage U_N 320 V

Contact resistance 1.6 m Ω

Rated voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 4 kV

MountingMounting type THR soldering / wave soldering

Pin layout Linear pinning

Processing notes

Moisture Sensitive Level MSL 1

Classification temperature T_c 260 °C

Solder cycles in the reflow 3

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (3 - 5 μm Sn)

Metal surface contact area (middle layer) Nickel (1 - 3 μm Ni)

Metal surface soldering area (top layer) Tin (3 - 5 μm Sn)

Metal surface soldering area (middle layer) Nickel (1 - 3 μm Ni)

Material data - housing

Color (Housing) gray (7042)

Insulating material PA

Insulating material group IIIa

CTI according to IEC 60112 250

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PST 1,3/ 7-5,0 GY VPE100 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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