INDUSTRIAL COMPONENT DATA

PST 1,3/ 6-5,0 BU VPE250 1107398 PHOENIX CONTACT Male connector, nominal current: 12 A, number of poles: 6, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PST 1,3/ 6-5,0 BU VPE250



Manufacturer	PHOENIX CONTACT
MPN / Reference	PST 1,3/ 6-5,0 BU VPE250
Catalog number	1107398
Category	Printed circuit board connector
Minimum order	250 Pcs
Document ID	EO-E337A18CF5
Generated	2026-11-19

Product Overview

Male connector, nominal current: 12 A, number of poles: 6, pitch: 5 mm, color: blue, surface contacts: Tin, assembly: Soldering THR
Male connector, nominal section: 1.5 mm², color: blue, nominal current: 12 A (Depending on the connector used), nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 6, article family: PST 1.3/.. -V, pitch: 5 mm, mounting: THR solder, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, plug-in system: COMBICON PST 1.3, lock: without, fixing type: without, packaging type: boxed
Pin strip, nominal cross section: 1.5 mm2, color: blue, nominal current: 12 A (depends on the plug used), rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 6, 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

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 6
Pitch 5 mm
Number of rows 1

Pin layout Linear pinning
Data management status
Article revision 00
Electrical propertiesNominal current IN 12 A (depends on the plug used)
Nominal voltage UN 320 V
Contact resistance 1.6 m?
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 Tc 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) blue (5015)
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 ignition temperature GWIT according to EN 60695-2-13 775
Temperature for...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PST 1,3/ 6-5,0 BU VPE250 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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