INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 7-HV0-2,5-SMD WH R44 1839240 PHOENIX CONTACT PCB headers, nominal current: 6 A, rated voltage (III..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 7-HV0-2,5-SMD WH R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 7-HV0-2,5-SMD WH R44
Catalog number	1839240
Category	Printed circuit board connector
Minimum order	400 Pcs
Document ID	EO-EACDC45DAB
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering
Printed circuit board base housing, nominal section: 0.5 mm², color: white signals, nominal current: 6 A, nominal voltage (III/2): 160 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: PTSM 0.5/.. -HV-SMD WH, pitch: 2.5 mm, mounting: SMD soldering, pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: 44 mm wide strap
PCB headers, nominal cross section: 0.5 mm2, color: signal white, nominal current: 6 A, rated voltage (III/2): 160 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: PTSM 0,5/..-HV-SMD WH, pitch: 2.5 mm, mounting: SMD soldering, pin layout: Linear pad geometry, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: 44 mm wide tape

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 PCB headers
Product family PTSM 0,5/..-HV-SMD WH

Product line COMBICON Connectors XS
Type Standard
Number of positions 7
Pitch 2.5 mm
Number of connections 7
Number of rows 1
Number of potentials 7
Mounting flange without
Pin layout Linear pad geometry
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 6 A
Nominal voltage UN 160 V
Contact resistance 2.2 m?
Rated voltage (III/3) 125 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type SMD soldering
Pin layout Linear pad geometry
Processing notes
Process Reflow soldering
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 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Color (Housing) signal white (9003)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
DimensionsDimen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 7-HV0-2,5-SMD WH R44 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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