INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 3-HV-2,5-SMD BK R44 1553823 PHOENIX CONTACT Printed circuit board base case, nominal section: 0.5 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 3-HV-2,5-SMD BK R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 3-HV-2,5-SMD BK R44
Catalog number	1553823
Category	Printed circuit board connector
Minimum order	400 Pcs
Document ID	EO-90BC9446D8
Generated	2026-11-19

Product Overview

Printed circuit board base case, nominal section: 0.5 mm2, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 3, family of articles: PTSM 0.5/.. -HV0-SMD, pitch: 2.5 mm, mounting: SMD welding, pin arrangement: Linear pad geometry, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Plug-in face orientation: Standard, locking: without, clamping type: without, packaging type: 44 mm wide strap

PCB base housing, nominal cross-section: 0.5 mm², colour: black, nominal current: 6 A, nominal voltage (III/2): 160 V, surface contacts: Tin, contact connection type: Male, number of rows: 1, number of poles: 3, article family: PTSM 0.5/.. -HV-SMD WH, Pitch: 2.5mm, Mounting: SMD Soldering, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2mm, Number of Solder Pins by Potential: 1, Plug-in System: COMBICON PTSM, Plug-in Face Orientation: Standard, Lock: Sin, Attachment Type: Sin, Packing Type: 44mm Wide Strap

PCB headers, nominal cross section: 0.5 mm2, color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: PTSM 0,5/..-HV-SMD WH, pitch: 2.5 mm, mounting: SMD soldering, pin layout: Linear pad geometry, solder pin [P]: 2 mm, number of solder pin...

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 line COMBICON Connectors XS
Product type PCB headers
Product family PTSM 0,5/..-HV-SMD WH

Number of positions 3
Pitch 2.5 mm
Number of rows 1
Pin layout Linear pad geometry
Solder pins per potential 1
Electrical propertiesNominal current IN 6 A
Nominal voltage UN 160 V
Degree of pollution 3
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
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) black (9005)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
DimensionsDimensional drawing
Pitch 2.5 mm
Width [w] 13.1 mm
Height [h] 9.5 mm
Length [l] 5 mm
Installed height 7.5 mm
Solder pin length [P] 2 mm
PCB design
Pad geometry 1.2 x 4.4 mm
Hole diameter 1 mm
Mechanical testsVisual inspection
Specification IEC 60512-1-1:2002...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 3-HV-2,5-SMD BK R44 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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