INDUSTRIAL COMPONENT DATA

MSTBO 2,5/ 3 G1L THRR44 BK 2915216 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBO 2,5/ 3 G1L THRR44 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBO 2,5/ 3 G1L THRR44 BK
Catalog number	2915216
Category	Printed circuit board connector
Minimum order	170 Pcs
Document ID	EO-C5DFB2647C
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Product Overview

Feed-through header
Printed circuit board base case, nominal section: 2.5 mm², color: black, nominal current: 16 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 3, family of articles: MSTBO 2.5/.. -G1L-THR, pitch: 5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, lock: without, packaging type: 44 mm wide strap, Item with side pin exit
PCB headers, nominal cross section: 2.5 mm2, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: MSTBO 2,5/..-G1L-THR, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: 44 mm wide tape, Product with pin output on left side

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 > Housing (HS)

Additional Product Information

Technical dataProduct propertiesProduct type PCB headers
Product family MSTBO 2,5/..-G1L-THR
Type Component suitable for through hole reflow
Number of positions 3
Pitch 5 mm

Number of rows 1
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 04
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 320 V
Contact resistance 1.57 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) 630 V
Rated surge voltage (II/2) 4 kV
MountingMounting type THR soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Contact material Cu alloy
Surface characteristics tin-plated
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
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 the ball pressure test according to EN 60695-10-2 125 °C
DimensionsDimensional drawing
Pitch 5 mm
Width [w] 14.95 mm
Height [h] 16.5 mm
Length [l] 15.35 mm
Solder pin length [P] 2.5 mm
Pin dimensions 1 x 1 mm
PCB design
Pin spacing 5.00 mm
Hole diameter 1.5 mm
Mechanical testsVisual inspection
Specification IEC 60512-1-1:2002-02
Result Test passed
Dimension check
Specification IEC 60512-1-2:2002-02
Result Test....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBO 2,5/ 3 G1L THRR44 BK 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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