INDUSTRIAL COMPONENT DATA

GMSTBO 2,5HV/3-GL-7,25THRPA1,3 1101980 PHOENIX CONTACT PCB headers, number of positions: 3, pitch: 7.25 mm, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: GMSTBO 2,5HV/3-GL-7,25THRPA1,3



Manufacturer	PHOENIX CONTACT
MPN / Reference	GMSTBO 2,5HV/3-GL-7,25THRPA1,3
Catalog number	1101980
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-537607FF11
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Product Overview

PCB headers, number of positions: 3, pitch: 7.25 mm, pin layout: Linear pinning
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 16 A, dimensioning voltage (III/2): 630 V, contact type: Male, Number of potentials: 2, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of items: GMSTBO 2.5 HV, pitch: 7.25 mm, mounting: Weld THR, Pin arrangement: Linear pin arrangement, pin length [P]: 2.1 mm, Item with side pin output on the left
PCB headers, nominal cross section: 2.5 mm2, color: black, nominal current: 16 A, rated voltage (III/2): 630 V, contact surface: Sn, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 3, product range: GMSTBO 2,5 HV, pitch: 7.25 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5 advanced, Pin connector pattern alignment: Orthogonal, locking: without, mounting: without, type of packaging: packed in cardboard, Partially assembled version with pin outlet 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 GMSTBO 2,5 HV
Type Standard

Number of positions 2
Pitch 7.25 mm
Number of connections 3
Number of rows 1
Number of potentials 2
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 400 V
Contact resistance 1.3 m?
Rated voltage (III/3) 400 V
Rated surge voltage (III/3) 6 kV
Rated voltage (III/2) 630 V
Rated surge voltage (III/2) 6 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 6 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 LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability rating according to UL 94 V0
NotesGeneral Partially-assembled variants (pin 1 and pin 3)
DimensionsDimensional drawing
Pitch 7.25 mm
Width [w] 19.95 mm
Height [h] 23.37 mm
Length [l] 15.65 mm
Solder pin length [P] 2.1 mm
Pin dimensions 1 x 1 mm
PCB design
Pin spacing 7.25 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 passed
Resistance of inscriptions

Specification IEC 60068-2-70:1995-12
Result Test passed
Polarization and coding
Specification IEC 60512-13-5:2006-02
Re...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GMSTBO 2,5HV/3-GL-7,25THRPA1,3 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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