INDUSTRIAL COMPONENT DATA

GMSTBO 2,5 HV/ 2-GL-7,25 THR 2199867 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	GMSTBO 2,5 HV/ 2-GL-7,25 THR
Catalog number	2199867
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-3CFCED0660
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Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 16 A, nominal voltage (III/2): 630 V, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, article family: GMSTBO 2.5 HV, pitch: 7.25 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.1 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, packaging type: boxed packed, 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: 2, 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, 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 GMSTBO 2,5 HV
Type Standard
Number of positions 2

Pitch 7.25 mm
Number of connections 2
Number of rows 1
Number of potentials 2
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 02
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
DimensionsDimensional drawing
Pitch 7.25 mm
Width [w] 14.95 mm
Height [h] 16.84 mm
Length [l] 15.65 mm
Installed height 21.27 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
Result Test....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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