INDUSTRIAL COMPONENT DATA

MSTBO 2,5/ 4-G1L THR BK 2709749 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBO 2,5/ 4-G1L THR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBO 2,5/ 4-G1L THR BK
Catalog number	2709749
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-F909696938
Generated	2026-11-19

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): 320 V, contact type: Male, number of rows: 1, number of poles: 4, family of articles: MSTBO 2.5/.. -G1L-THR, pitch: 5 mm, mounting: Solder 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: Carton packing, Item with side pin output on the left
PCB base socket, nominal cross-section: 2.5 mm2, colour: black, rated current: 16 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of rows: 1, number of poles: 4, product series: MSTBO 2.5/.. -G1L-THR, pitch: 5 mm, mounting: THR soldering, pin layout: Linear pinning, pin length [P]: 2.5 mm, number of solder pins per potential: 1, plug system: COMBICON MSTB 2.5, Insertion pin orientation: Orthogonal, locking: none, package type: Carton packaging, Item with left side pin outlet

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

Key Commercial Data
Orderkey 2709749
Packing unit 100 pc
Minimum order quantity 100 pc
Note Made to Order (non-returnable)

GTIN 4046356041553
Weight per Piece (excluding packing) 3.040 g
Custom tariff number 85366930
Country of origin PL (Poland)
Dimensions
Dimension a 15 mm
Height 15 mm
Pin spacing 5.00 mm
General
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 250 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 400 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Standards and Regulations
Connection in acc. with standard EN-VDE
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 2.0EC001031ETIM 3.0EC001031ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1134131203UNSPSC 12.0139121432UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBO 2,5/ 4-G1L THR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.