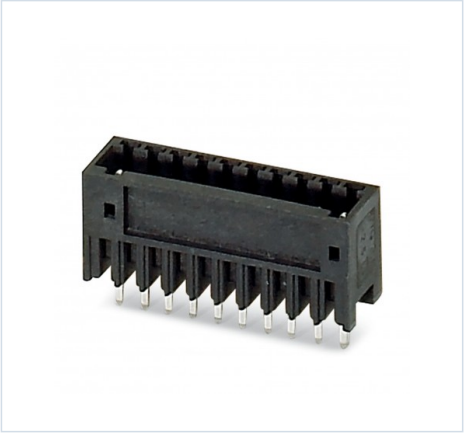
INDUSTRIAL COMPONENT DATA

MCV 0,5/ 2-G-2,5 THT R44 1963751 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 2-G-2,5 THT R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/ 2-G-2,5 THT R44
Catalog number	1963751
Category	Printed circuit board connector
Minimum order	220 Pcs
Document ID	EO-F2AE6AC6C0
Generated	2026-11-19

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MCV 0.5/.. -G-THT, pitch: 2.5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON FK-MC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, For user information and design recommendations on Through Hole Reflow technology, see under: "Downloads"
PCB header, nominal cross-section: 0.5 mm2, colour: black, nominal current: 4 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, article range: MCV 0.5/..

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

Key Commercial Data
Orderkey 1963751
Packing unit 220 pc
Minimum order quantity 220 pc
Note Made to Order (non-returnable)
Catalog page Page 171 (C-1-2013)

GTIN 4017918916381
Weight per Piece (excluding packing) 3.250 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 8.1 mm
Width 6.9 mm
Pitch 2.5 mm
Dimension a 2.5 mm
Width [w] 6.9 mm
Height [h] 13.6 mm
Height 10.1 mm
Length of the solder pin 3.5 mm
Pin dimensions 0.8 x 0.8 mm
Pin spacing 2.50 mm
Length 8.1 mm
General
Range of articles MCV 0,5/..-G-THT
Insulating material group IIIa
Rated surge voltage (III/3) 1.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 32 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 4 A
Insulating material PA
Flammability rating according to UL 94 V0
Color black
Number of positions 2
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
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 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC 13...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 2-G-2,5 THT R44 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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