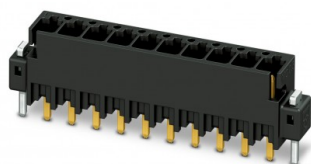


INDUSTRIAL COMPONENT DATA

MCV 0,5/ 6-G-2,54 P20 THR R44 1821436 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 6-G-2,54 P20 THR R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/ 6-G-2,54 P20 THR R44
Catalog number	1821436
Category	Printed circuit board connector
Minimum order	315 Pcs
Document ID	EO-2AE1CCD642
Generated	2026-08-03

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: MCV 0.5/.. -G-THR, pitch: 2.54 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, Sample quantities available under SAMPLE MC...

PCB header, nominal cross-section: 0.5 mm², colour: black, nominal current: 6 A, reference voltage (III/2): 160 V, contact area: Au, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article range: MCV 0.5/.. -G-THR, pitch: 2.54 mm, mounting: THR welding / Wave welding, spindle plane: Linear broaching, spindle length [P]: 2 mm, number of pins per potential: 1, plug-in system: COMBICON FMC 0.5, Orientation of the plug-in pattern: Standard, locking: without, fastening type: without, packaging type: Webbing in width of 44 mm, Sample quantities available under SAMPLE MC...

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)
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Additional Product Information

Key Commercial Data

Orderkey 1821436

Packing unit 315 pc

Minimum order quantity 315 pc

Note Made to Order (non-returnable)

Catalog page Page 177 (C-1-2013)

GTIN 4046356789592

Weight per Piece (excluding packing) 2.000 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 4.85 mm

Width 19.82 mm

Pitch 2.54 mm

Dimension a 12.7 mm

Width [w] 19.82 mm

Height [h] 9.1 mm

Height 7.1 mm

Length of the solder pin 2 mm

Pin dimensions 0.64 x 0.64 mm

Length 4.85 mm

General

Range of articles MCV 0,5/..-G-THR

Insulating material group IIIa

Rated surge voltage (III/3) 2.5 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 6 A

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 6

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 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM fo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 6-G-2,54 P20 THR 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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