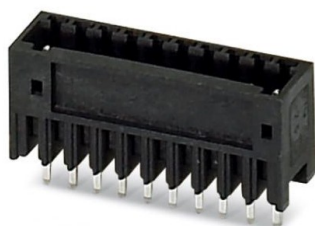


INDUSTRIAL COMPONENT DATA

MCV 0,5/12-G-2,5 THT 1963638 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/12-G-2,5 THT



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 0,5/12-G-2,5 THT
Catalog number	1963638
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-71A8E43A5A
Generated	2026-08-02

Product Overview

MCV 0,5/12-G-2,5 THT 1963638 PHOENIX CONTACT Feed-through header

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	Fixed connector
Contact type (EF001587)	Pin
Number of poles (EF001391)	12
Number of plug-in contact rows (EF006935)	1
Modular spacing contacts (EF007326)	2.5 mm
Modular spacing connections (EF006827)	2.5 mm
Rated current I _n (EF008250)	4 A
Rated voltage (EF000228)	160 V
Rated surge voltage (EF002993)	2.5 kV
Over voltage category (EF006785)	III
Pollution degree (EF006786)	2
Material of contact surface (EF004020)	Tin
Type of electric connection (EF003961)	Other
Diameter connection pin (EF006823)	1.4 mm
Length pin (EF006825)	3.5 mm

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	Other
Housing colour (EF000136)	Black
Inflammability class of insulation material according to UL94 (EF002521)	V0
Operating temperature (EF002393)	-40 °C
Type of fastening (EF002442)	Other
Type of banding (EF007011)	Carton (for SMD)

Classification & Catalog Path

eCl@ss 7.1	21043711
eCl@ss 8.0	21043711
eCl@ss 9.0	21043711
ETIM 5.0	EC002246
ETIM 6.0	EC002246
ETIM 7.0	EC002246
Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Feed-through header

Printed circuit board base case, 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: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MCV 0.5/.. -G-THT, pitch: 2.5 mm, mounting: Solder 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: boxed, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/12-G-2,5 THT 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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