

INDUSTRIAL COMPONENT DATA

MCV 1,5/16-G-3,81 GY 1714527 PHOENIX CONTACT PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/16-G-3,81 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/16-G-3,81 GY
Catalog number	1714527
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-E42EF42D0A
Generated	2026-08-03

Product Overview

PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 16, pitch: 3.81 mm, color: gray, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm

Printed circuit board base case, nominal section: 1.5 mm², color: gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 16, article family: MCV 1.5/.. -G, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

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 1714527

Packing unit 1

GTIN 4055626923079

Custom tariff number 85366930

Drawings

Electrical parameters

Material data - housing

Dimensions for PCB design

Ambient conditions

Mechanical tests (A)

Climatic tests (D)

Vibration test

Item properties

Material data - contact

Dimensions for the product

Packaging information

Air clearances and creepage distances

Durability tests (B)

Environmental and durability tests (E)

Classifications

Drawings

Diagram

Type: MC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81

Diagram

Type: FRONT-MC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81

Diagram

Type: FK-MCP 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81

Diagram

Type: FMC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81

Back to topItem properties

Brief article description Feed-through header

Plug-in system MINI COMBICON

Type of contact Male connector

Range of articles MCV 1,5/...-G

Pitch 3.81 mm

Number of positions 16

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Back to topElectrical parameters

Nom. voltage 160 V

Back to topMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (3 - 5 µm Sn)

Metal surface contact area (middle layer) Nickel (1 - 3 µm Ni),

Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)

Metal surface soldering area (middle layer) Nickel (1 - 3 µm Ni)

Back to topMaterial data - housing

Ins...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/16-G-3,81 GY 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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