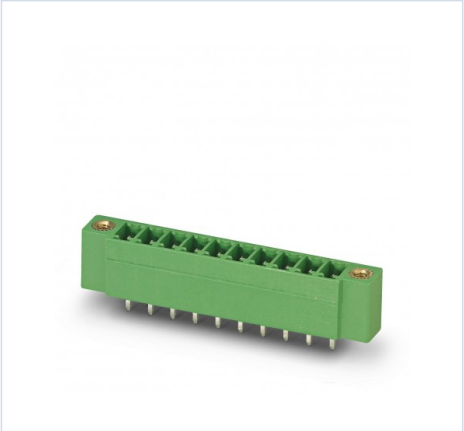
INDUSTRIAL COMPONENT DATA

MCV 1,5/ 4-GF-3,81 GY 1702454 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 4-GF-3,81 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 4-GF-3,81 GY
Catalog number	1702454
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-38C29105A0
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 1.5 mm², color: gray, nominal current: 8 A, contact connection type: Male, number of rows: 1, number of poles: 4, family of articles: MCV 1.5/.. -GF, 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, locking: Screw lock, packaging type: boxed
PCB headers, nominal cross section: 1.5 mm2, color: gray, nominal current: 8 A, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MCV 1,5/..-GF, pitch: 3.81 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB headers
Product family MCV 1,5/..-GF
Product line COMBICON Connectors S
Number of positions 4
Pitch 3.81 mm
Number of rows 1

Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial 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 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Color (Housing) gray (7042)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
DimensionsDimensional drawing
Pitch 3.81 mm
Width [w] 25.63 mm
Height [h] 12.6 mm
Length [l] 7.25 mm
Installed height 9.2 mm
Solder pin length [P] 3.4 mm
PCB design
Hole diameter 1.2 mm
2.4 mm
Environmental and real-life conditionsAmbient conditions
Ambient temperature (op...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 4-GF-3,81 GY with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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