INDUSTRIAL COMPONENT DATA

MCD 1,5/ 5-G1F-3,81 GY 1717207 PHOENIX CONTACT Housing base printed circuit board, number of poles: 5, pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 1,5/ 5-G1F-3,81 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCD 1,5/ 5-G1F-3,81 GY
Catalog number	1717207
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-041D625DCC
Generated	2026-11-19

Product Overview

Housing base printed circuit board, number of poles: 5, pitch: 3,81 mm, color: gray, surface contacts: Tin, assembly: wave Soldering
Printed circuit board base housing, 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 potentials: 10, number of rows: 2, number of poles: 5, number of connections: 10, family of articles: MCD 1.5/.. -G1F, pitch: 3.81 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 5, pitch: 3.81 mm, color: gray, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm

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 1717207
Packing unit 1
GTIN 4055626461137
Custom tariff number 85366930
Drawings

Electrical parameters
Material data - housing
Dimensions for PCB design
Ambient conditions
Mechanical tests (A)
Climatic tests (D)
Vibration test
Classifications
Item properties
Material data - contact
Dimensions for the product
Packaging information
Air clearances and creepage distances
Durability tests (B)
Environmental and durability tests (E)
Environmental Product Compliance
Drawings
Diagram
Type: MC 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81
Diagram
Type: FK-MCP 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81
Diagram
Type: FRONT-MC 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81
Diagram
Type: FMC 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81
Diagram
Type: MCV(W/R) 1,5/...-STF-3,81 with MCD 1,5/...-G1F-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 MCD 1,5/..-G1F
Pitch 3.81 mm
Number of positions 5
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 2
Number of connections 10
Number of potentials 10
Back to topElectrical parameters
Nominal current 8 A
Nom. voltage 160 V
Rated voltage 160 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 320 V
Rated surge voltage (III/3) 2.5 kV
Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Back to topMaterial data - contact

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 1,5/ 5-G1F-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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