

## INDUSTRIAL COMPONENT DATA

# MCD 1,5/10-G1F-3,81 GY 1717209 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 1,5/10-G1F-3,81 GY



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCD 1,5/10-G1F-3,81 GY          |
| Catalog number  | 1717209                         |
| Category        | Printed circuit board connector |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-BE763DA647                   |
| Generated       | 2026-08-03                      |

## Product Overview

MCD 1,5/10-G1F-3,81 GY 1717209 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)                | 20              |
| Number of plug-in contact rows (EF006935) | 2               |
| Modular spacing contacts (EF007326)       | 3.81 mm         |
| Modular spacing connections (EF006827)    | 3.81 mm         |
| Rated current I <sub>n</sub> (EF008250)   | 8 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)        | 1.2 mm          |
| Length pin (EF006825)                     | 3.5 mm          |

**CONTINUED**

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                      | VALUE            |
|--------------------------------------------------------------------------|------------------|
| Material insulation body (EF007543)                                      | Other            |
| Housing colour (EF000136)                                                | Grey             |
| 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

PCB base housing, nominal cross-section: 1.5 mm<sup>2</sup>, colour: grey, nominal current: 8 A, nominal voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, number of potentials: 20, number of rows: 2, number of poles: 10, number of connections: 20, article family: MCD 1.5/.. -G1F, pitch: 3.81 mm, mounting: Wave soldering, 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 locking, fixing type: Overhead clamping (thread), packing type: boxed packaging

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 1,5/10-G1F-3,81 GY with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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