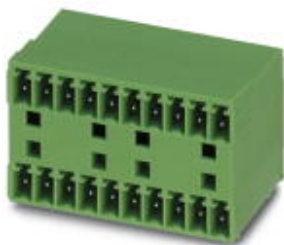


# Printed-circuit board connector - MCD 1,5/ 6-G1-3,81 OG - 1702367

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB headers, nominal current: 8 A, number of positions: 6, pitch: 3.81 mm, color: orange, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-pos. version with 20 contacts

## Why buy this product

- Well-known mounting principle allows worldwide use
- Conductor connection on several levels enables higher contact density
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 STK        |
| GTIN         |               |
| GTIN         | 4046356584869 |

## Technical data

### Dimensions

|                          |              |
|--------------------------|--------------|
| Pitch                    | 3.81 mm      |
| Dimension a              | 19.05 mm     |
| Constructional height    | 23 mm        |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0.8 x 0.8 mm |

### General

|                                  |                |
|----------------------------------|----------------|
| Range of articles                | MCD 1,5/...-G1 |
| Rated voltage (III/3)            | 160 V          |
| Connection in acc. with standard | EN-VDE         |
| Nominal current I <sub>N</sub>   | 8 A            |
| Color                            | orange         |

# Printed-circuit board connector - MCD 1,5/ 6-G1-3,81 OG - 1702367

## Technical data

### General

|                     |   |
|---------------------|---|
| Number of positions | 6 |
|---------------------|---|

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Approvals

### Approvals

#### Approvals

EAC / VDE report with production monitoring / cULus Recognized / IECCEB CB Scheme

#### Ex Approvals

### Approval details


|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

|                                       |       |                                                                                                                                                                                                           |          |
|---------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE report with production monitoring |       | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40011723 |
| Nominal voltage UN                    | 160 V |                                                                                                                                                                                                           |          |
| Nominal current IN                    | 8 A   |                                                                                                                                                                                                           |          |

|                    |       |                                                                                                                                                       |                 |
|--------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20110128 |
|                    | D     | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 8 A   | 8 A                                                                                                                                                   |                 |

## Printed-circuit board connector - MCD 1,5/ 6-G1-3,81 OG - 1702367

### Approvals

|                    |                                                                                   |                                                           |                |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60604-B1B2 |
| Nominal voltage UN | 160 V                                                                             |                                                           |                |
| Nominal current IN | 8 A                                                                               |                                                           |                |

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>