

## Printed-circuit board connector - DFK-MSTB 2,5/ 4-G-5,08 - 0707264

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>)



Feed-through header, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, connection method: Solder/Slip-on connection, color: green, contact surface: Tin, mounting: Direct mounting, accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.


The figure shows a 10-position version of the product

### Your advantages

- Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- Free choice – permanent solder connection or standardized slip-on connection
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| Minimum order quantity               | 50 pc   |
| GTIN                                 | <br>4 017918 004033 |
| GTIN                                 | 4017918004033   |
| Weight per Piece (excluding packing) | 4.630 g   |
| Custom tariff number                 | 85366930  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                                  |              |
|----------------------------------|--------------|
| Length [ l ]                     | 17.5 mm      |
| Width [ w ]                      | 40.64 mm     |
| Height [ h ]                     | 29.5 mm      |
| Pitch                            | 5.08 mm      |
| Dimension a                      | 15.24 mm     |
| Dimensions of slip-on connection | 2,8 x 0,8 mm |

#### General

# Printed-circuit board connector - DFK-MSTB 2,5/ 4-G-5,08 - 0707264

## Technical data

### General

|  |                           |
|--|---------------------------|
| Range of articles                      | DFK-MSTB 2,5/...-G        |
| Number of positions                    | 4                         |
| Connection method                      | Solder/Slip-on connection |
| Insulating material group              | I                         |
| Rated surge voltage (III/3)            | 4 kV                      |
| Rated surge voltage (III/2)            | 4 kV                      |
| Rated surge voltage (II/2)             | 4 kV                      |
| Rated voltage (III/3)                  | 320 V                     |
| Rated voltage (III/2)                  | 320 V                     |
| Rated voltage (II/2)                   | 630 V                     |
| Connection in acc. with standard       | EN-VDE                    |
| Nominal current $I_N$                  | 12 A                      |
| Nominal cross section                  | 2.5 mm <sup>2</sup>       |
| Maximum load current                   | 12 A                      |
| Insulating material                    | PA                        |
| Flammability rating according to UL 94 | V2                        |

### Connection data

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.    | 2.5 mm <sup>2</sup> |
| Conductor cross section flexible min. | 0.2 mm <sup>2</sup> |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG min.      | 24                  |
| Conductor cross section AWG max.      | 12                  |
| Dimensions of slip-on connection      | 2,8 x 0,8 mm        |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| Flammability rating according to UL 94 | V2     |

### Environmental Product Compliance

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

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27141100 |
| eCl@ss 5.1 | 27141100 |

<https://www.phoenixcontact.com/gb/products/0707264>



## Printed-circuit board connector - DFK-MSTB 2,5/ 4-G-5,08 - 0707264

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121410 |

### Approvals


#### Approvals

##### Approvals

CSA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

##### Ex Approvals

#### Approval details


|                    |   |   |       |
|--------------------|---|---|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | B   | D   |       |
| Nominal voltage UN | 300 V   | 300 V   |       |
| Nominal current IN | 15 A  | 10 A  |       |


<https://www.phoenixcontact.com/gb/products/0707264>




## Printed-circuit board connector - DFK-MSTB 2,5/ 4-G-5,08 - 0707264

### Approvals

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60988-B1B2 |
| Nominal voltage UN | 250 V   |   |                |
| Nominal current IN | 12 A  |   |                |

|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <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> | 40004701 |
| Nominal voltage UN                      | 250 V   |   |          |
| Nominal current IN                      | 12 A  |   |          |

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

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| 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> | E60425-19931011 |
|                    | B   | D   |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |
| Nominal current IN | 15 A  | 10 A  |                 |

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>



# SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

# [www.scatts.co.uk](http://www.scatts.co.uk)