

## IC 2,5/ 3-G-5,08

Order No.: 1786417

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786417>Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm,  
number of positions: 3, mounting type: soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918042561      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.004378 KG        |
| Catalog page information | Page 232 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |              |
|---------------------|--------------|
| Pitch               | 5.08 mm      |
| Dimension a         | 10.16 mm     |
| Number of positions | 3            |
| Pin dimensions      | 1,3 x 0,7 mm |
| Hole diameter       | 1.4 mm       |

**Technical data**

|                                    |        |
|------------------------------------|--------|
| 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/2)              | 320 V  |
| Rated voltage (II/2)               | 630 V  |
| Connection in acc. with standard   | EN-VDE |
| Nominal current $I_N$              | 12 A   |
| Nominal voltage $U_N$              | 320 V  |
| Maximum load current               | 12 A   |
| Insulating material                | PA     |
| Inflammability class acc. to UL 94 | V0     |

**Certificates / Approvals**

Approval logo



**CSA**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

**CUL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

**UL**

|                       |                                 |
|-----------------------|---------------------------------|
| Nominal voltage $U_N$ | 300 V                           |
| Nominal current $I_N$ | 10 A                            |
| Certification         | CB, CSA, CUL, GOST, UL, VDE-PZI |

**Accessories**

| Item                | Designation | Description   |
|---------------------|-------------|---|
| <b>Plug/Adapter</b> |             |   |
| 1734634             | CP-MSTB     | Coding profile, is inserted into the slot on the plug or inverted header, red insulating material |
| 0201744             | MPS-MT      | Test plug, consisting of: Metal part for 2.3 mm diameter socket hole                              |
| 0201647             | RPS         | Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray               |

**Additional products**

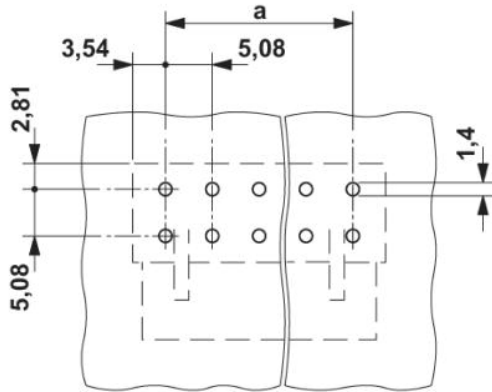
| Item           | Designation              | Description  |
|----------------|--------------------------|--|
| <b>General</b> |                          |  |
| 1872473        | A-MSTBVA 2,5/ 3-G-5,08   | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Mounting rail                            |
| 0707251        | DFK-MSTB 2,5/ 3-G-5,08   | Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, mounting: Direct mounting                          |
| 1898842        | DFK-MSTBA 2,5/ 3-G-5,08  | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering                                |
| 1899142        | DFK-MSTBVA 2,5/ 3-G-5,08 | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering                                |
| 1880313        | EMSTBA 2,5/ 3-G-5,08     | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Press in                                 |
| 1859522        | EMSTBVA 2,5/ 3-G-5,08    | Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm, no. of positions: 3, mounting: press in                                 |
| 1873362        | FKIC 2,5/ 3-ST-5,08      | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Spring-cage connection |
| 1786187        | IC 2,5/ 3-ST-5,08        | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Screw connection       |
| 1823859        | ICC 2,5/ 3-STZ-5,08      | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, type of connection: Crimp connection       |
| 1762075        | MDSTB 2,5/ 3-G-5,08      | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering                                |
| 1762376        | MDSTB 2,5/ 3-G1-5,08     | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering                                |
| 1842076        | MDSTBA 2,5/ 3-G-5,08     | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering                                |

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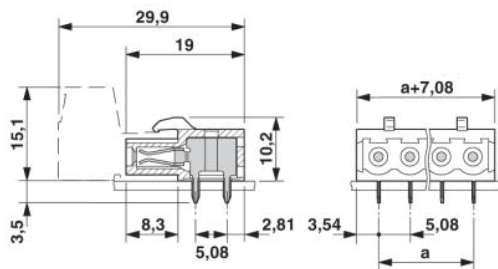
|         |                          |   |
|---------|--------------------------|---|
| 1763087 | MDSTBV 2,5/ 3-G-5,08     | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1736742 | MDSTBV 2,5/ 3-G1-5,08    | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1845345 | MDSTBVA 2,5/ 3-G-5,08    | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1802414 | MDSTBW 2,5/ 3-G-5,08     | Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1759020 | MSTB 2,5/ 3-G-5,08       | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1770724 | MSTB 2,5/ 3-G-5,08-LA    | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1757255 | MSTBA 2,5/ 3-G-5,08      | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1902754 | MSTBA 2,5/ 3-G-5,08 THT  | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: SMD/THT   |
| 1770957 | MSTBA 2,5/ 3-G-5,08-LA   | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1850440 | MSTBO 2,5/ 3-GL-5,08     | Header, nominal current: 8 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering  |
| 1847110 | MSTBO 2,5/ 3-GR-5,08     | Header, nominal current: 8 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering  |
| 1758021 | MSTBV 2,5/ 3-G-5,08      | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1755749 | MSTBVA 2,5/ 3-G-5,08     | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1902822 | MSTBVA 2,5/ 3-G-5,08 THT | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: SMD/THT   |
| 1735879 | MSTBW 2,5/ 3-G-5,08      | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1769476 | SMSTB 2,5/ 3-G-5,08      | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |
| 1767384 | SMSTBA 2,5/ 3-G-5,08     | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 3, mounting: Soldering |

## Drawings

### Drilling diagram



### Dimensioned drawing



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