

## Feed-through header - MSTBA 2,5/ 3-G-5,08-RN - 1926028

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, Article with engagement nose



The figure shows a 10-position version of the product

### Your advantages

- ✓ Plug-in direction parallel and vertical to the PCB
- ✓ Standard pin strip for 320 V (III/2)
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Intuitive locking mechanism prevents accidental disconnection



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 820084 |
| GTIN                                 | 4017918820084                                                                                           |
| Weight per Piece (excluding packing) | 1.770 g                                                                                                 |
| Custom tariff number                 | 85366930                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 12 mm    |
| Width        | 21.06 mm |

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## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Pitch                    | 5.08 mm  |
| Dimension a              | 10.16 mm |
| Width [ w ]              | 21.06 mm |
| Height [ h ]             | 12.1 mm  |
| Height                   | 8.6 mm   |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |
| Pin spacing              | 5.08 mm  |
| Length                   | 12 mm    |

### General

|                                        |                   |
|----------------------------------------|-------------------|
| Range of articles                      | MSTBA 2,5/..-G-RN |
| Insulating material group              | IIIa              |
| 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)                  | 250 V             |
| Rated voltage (III/2)                  | 320 V             |
| Rated voltage (II/2)                   | 400 V             |
| Connection in acc. with standard       | EN-VDE            |
| Nominal current I <sub>N</sub>         | 12 A              |
| Maximum load current                   | 12 A              |
| Insulating material                    | PBT               |
| Flammability rating according to UL 94 | V0                |
| Color                                  | green             |
| Number of positions                    | 3                 |

### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

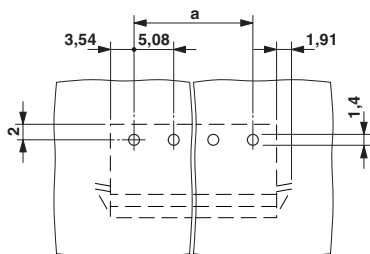
### Environmental Product Compliance

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

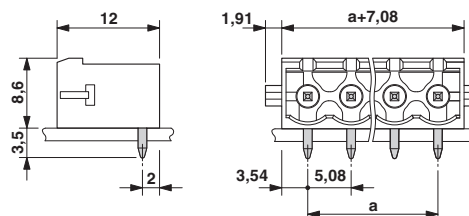
## Drawings

## Feed-through header - MSTBA 2,5/ 3-G-5,08-RN - 1926028

Drilling diagram



Dimensional drawing



### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

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

### Approvals

Approvals

Approvals

VDI Gutachten mit Fertigungsüberwachung / IEC603 CB Scheme / cULus Recognized / EAC

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### Approvals

Ex Approvals

#### Approval details

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>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/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40004701 |
| Nominal voltage UN                         |                                                                                   | 250 V                                                                                                                                                                                                          |          |
| Nominal current IN                         |                                                                                   | 12 A                                                                                                                                                                                                           |          |

|                    |                                                                                   |                                                           |                |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal voltage UN |                                                                                   | 250 V                                                     |                |
| Nominal current IN |                                                                                   | 12 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> | E60425-19931011 |
|                    |                                                                                     | D                                                                                                                                                     | B               |
| Nominal voltage UN |                                                                                     | 300 V                                                                                                                                                 | 300 V           |
| Nominal current IN |                                                                                     | 10 A                                                                                                                                                  | 15 A            |

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

### Accessories

Accessories

Coding element

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### Accessories

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

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