

## Header - MDSTBVA 2,5/ 3-G-5,08 - 1845345

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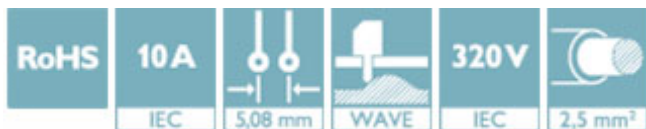


The figure shows a 10-position version of the product

Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering. The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

### Why buy this product

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



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 50 STK                                                                               |
| GTIN         |  |
| GTIN         | 4017918184766                                                                        |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 23.7 mm  |
| Pitch                    | 5.08 mm  |
| Dimension a              | 10.16 mm |
| Width [ w ]              | 19.78 mm |
| Constructional height    | 22.1 mm  |
| Height [ h ]             | 26 mm    |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.4 mm   |

#### General

|                   |                   |
|-------------------|-------------------|
| Range of articles | MDSTBVA 2,5/...-G |
|-------------------|-------------------|

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## Technical data

### General

|                                        |        |
|----------------------------------------|--------|
| 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 $I_N$                  | 10 A   |
| Maximum load current                   | 10 A   |
| Insulating material                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 3      |

### Standards and Regulations

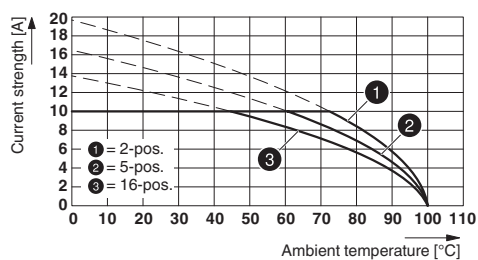
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

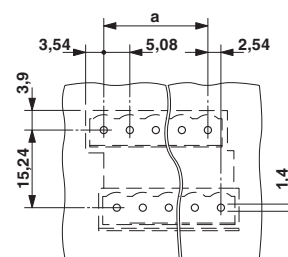
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Diagram



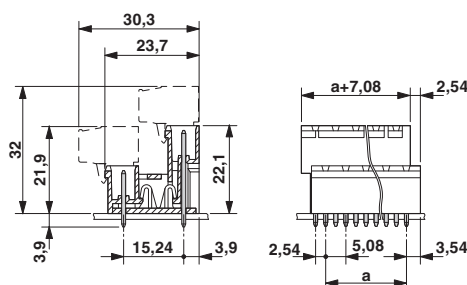
Drilling diagram



Type: FKC 2,5/...-ST-5,08 with MDSTBVA 2,5/...-G-5,08

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Dimensional drawing



### Approvals

#### Approvals

#### Approvals

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

#### Ex Approvals

#### Approval details

|                                            |                                                                                     |                                                                                                                                                                                                              |          |
|--------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/<br/>VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
| Nominal current $I_N$                      | 10 A                                                                                |                                                                                                                                                                                                              |          |
| Nominal voltage $U_N$                      | 250 V                                                                               |                                                                                                                                                                                                              |          |

|                       |                                                                                     |                                                           |                |
|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme       |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal current $I_N$ | 10 A                                                                                |                                                           |                |
| Nominal voltage $U_N$ | 250 V                                                                               |                                                           |                |

|                       |                                                                                     |                                                                                                                                                       |                 |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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 current $I_N$ | 12 A                                                                                | 10 A                                                                                                                                                  |                 |
| Nominal voltage $U_N$ | 300 V                                                                               | 300 V                                                                                                                                                 |                 |

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### Approvals

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

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