

## Feed-through header - GMSTBVA 2,5/12-G-7,62 BK - 1736959

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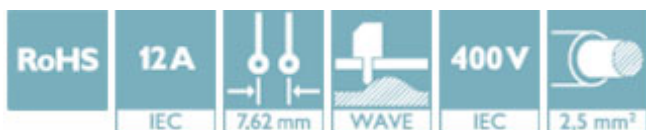
PCB headers, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 12, pitch: 7.62 mm, color: black, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Larger pitch for increased voltage requirements
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                |
| GTIN         |  |
| GTIN         | 4017918222826                                                                        |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.6 mm   |
| Width                    | 91.44 mm |
| Pitch                    | 7.62 mm  |
| Dimension a              | 83.82 mm |
| Width [ w ]              | 91.44 mm |
| Height [ h ]             | 15.9 mm  |
| Height                   | 12 mm    |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |
| Length                   | 8.6 mm   |

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### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Range of articles                      | GMSTBVA 2,5/...-G |
| Insulating material group              | I                 |
| Rated surge voltage (III/3)            | 6 kV              |
| Rated surge voltage (III/2)            | 6 kV              |
| Rated surge voltage (II/2)             | 6 kV              |
| Rated voltage (III/3)                  | 400 V             |
| Rated voltage (III/2)                  | 400 V             |
| Rated voltage (II/2)                   | 1000 V            |
| Connection in acc. with standard       | EN-VDE            |
| Nominal current I <sub>N</sub>         | 12 A              |
| Maximum load current                   | 12 A              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Color                                  | black             |
| Number of positions                    | 12                |

#### Standards and Regulations

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

### Approvals

#### Approvals

##### Approvals

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

##### Ex Approvals

#### Approval details

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### Approvals

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

|                    |                                                                                   |                                                           |                |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
|                    |                                                                                   |                                                           |                |
| Nominal voltage UN | 400 V                                                                             |                                                           |                |
| Nominal current IN | 12 A                                                                              |                                                           |                |

|                                            |                                                                                    |                                                                                                                                                                                                                |          |
|--------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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                         | 400 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> | E60425-19931013 |
|                    | D                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 10 A                                                                                | 15 A                                                                                                                                                  |                 |

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