

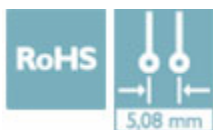
## Feed-through header - MSTB 2,5/17-G-5,08-LA - 1770863

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PCB headers, number of positions: 17, pitch: 5.08 mm, color: green, contact surface: Tin, pin layout: Linear pinning, solder pin [P]: 3.2 mm

The figure shows a 15-position version



### Key Commercial Data

|                      |                 |
|----------------------|-----------------|
| Packing unit         | 1               |
| GTIN                 | 4 017918 035600 |
| GTIN                 | 4017918035600   |
| Custom tariff number | 85366930        |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 86.36 mm |
| Pitch                    | 5.08 mm  |
| Dimension a              | 81.28 mm |
| Width [ w ]              | 86.36 mm |
| Height [ h ]             | 11.8 mm  |
| Height                   | 8.6 mm   |
| Length of the solder pin | 3.2 mm   |
| Length                   | 12 mm    |

#### General

|                   |                   |
|-------------------|-------------------|
| Range of articles | MSTB 2,5/..-G -LA |
|-------------------|-------------------|

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### Technical data

#### General

|                                        |        |
|----------------------------------------|--------|
| 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)                  | 250 V  |
| Rated voltage (III/2)                  | 320 V  |
| Rated voltage (II/2)                   | 400 V  |
| Connection in acc. with standard       | EN-VDE |
| Nominal current $I_N$                  | 12 A   |
| Maximum load current                   | 12 A   |
| Insulating material                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 17     |

#### 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          |

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440402 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| 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 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| 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   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

### Approvals

#### Approvals

#### Approvals

CSA / IECEx CB Scheme / EAC / cULus Recognized / VDE Zeichengenehmigung

#### 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 | 10 A                                                                                | 10 A                                                                                                                                    |       |

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### Approvals

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

|     |            |         |
|-----|------------|---------|
| EAC | <b>EAC</b> | B.01687 |
|-----|------------|---------|

|                    |              |                                                                                                                                                       |                 |
|--------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   | <b>cULus</b> | <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            |

|                        |                                                                                     |                                                                                                                                                                                                           |          |
|------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung |  | <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> | 40050648 |
|                        |                                                                                     |                                                                                                                                                                                                           |          |
| Nominal voltage UN     | 250 V                                                                               |                                                                                                                                                                                                           |          |
| Nominal current IN     | 12 A                                                                                |                                                                                                                                                                                                           |          |

### Accessories

#### Accessories

#### Coding element

Coding section - CR-MSTB - 1734401



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

### Fiber optic

## Feed-through header - MSTB 2,5/17-G-5,08-LA - 1770863

### Accessories

Fiber optic - MSTB 2,5/10-LWL 2,3-5,08 - 1858196



COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the COMBICON header, color: transparent, dimension a: 2.3 mm

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Fiber optic - MSTB 2,5/10-LWL 4,0-5,08 - 1858206



COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 4.0 mm

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Fiber optic - MSTB 2,5/10-LWL 7,0-5,08 - 1858219



COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 7.0 mm

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### Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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### Flange

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

## Feed-through header - MSTB 2,5/17-G-5,08-LA - 1770863

### Accessories

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#### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

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#### Light element - MSTB-LA/RD - 1765690



MSTB light indicator element, 1 position, snaps onto MSTB 2,5/...-G-LA and MSTBA 2,5/...-G-LA, with 5 mm pitch or 5.08 mm pitch if the interlocking is loosened, red, yellow, green LED without preresistor

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#### Additional products

Printed-circuit board connector - MSTB 2,5/17-ST-5,08 - 1757161



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Feed-through header - ICV 2,5/17-G-5,08 - 1786093



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm

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## Feed-through header - MSTB 2,5/17-G-5,08-LA - 1770863

### Accessories

#### Printed-circuit board connector - SMSTB 2,5/17-ST-5,08 - 1850563



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/17-ST-5,08 - 1792906



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/17-ST-5,08 - 1792391



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Feed-through header - IC 2,5/17-G-5,08 - 1786556



PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm

#### Printed-circuit board connector - FRONT-MSTB 2,5/17-ST-5,08 - 1777439



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin

## Feed-through header - MSTB 2,5/17-G-5,08-LA - 1770863

### Accessories

#### Printed-circuit board connector - MSTBP 2,5/17-ST-5,08 - 1769162



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCT 2,5/17-ST-5,08 - 1902262



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/17-STZ-5,08 - 1809653



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Printed-circuit board connector - MSTBC 2,5/17-ST-5,08 - 1808968



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 17, pitch: 5.08 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte