

## Base strip - DFK-MSTBA 2,5/16-G-5,08 - 1898978

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

The figure shows a 10-position version of the product

### Why buy this product

- Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- Free choice – permanent solder connection or standardized slip-on connection
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 STK         |
| Minimum order quantity               | 50 STK        |
| GTIN                                 |               |
| GTIN                                 | 4017918186142 |
| Weight per Piece (excluding packing) | 10.300 g      |
| Custom tariff number                 | 85366990      |
| Country of origin                    | Poland        |

### Technical data

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 12 mm    |
| Pitch                 | 5.08 mm  |
| Dimension a           | 76.20 mm |
| Constructional height | 19 mm    |

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## Technical data

### Dimensions

|                          |        |
|--------------------------|--------|
| Length of the solder pin | 3.2 mm |
|--------------------------|--------|

### General

|  |                    |
|--|--------------------|
| Range of articles                      | DFK-MSTBA 2,5/..-G |
| 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 $I_N$                  | 12 A               |
| Maximum load current                   | 12 A               |
| Insulating material                    | PBT                |
| Flammability rating according to UL 94 | V0                 |
| Color                                  | green              |
| Number of positions                    | 16                 |

### Standards and Regulations

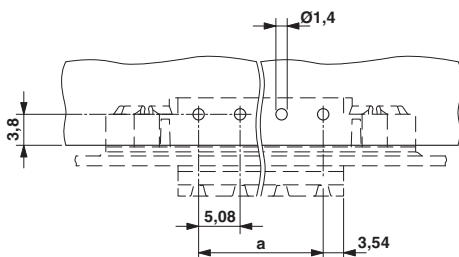
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

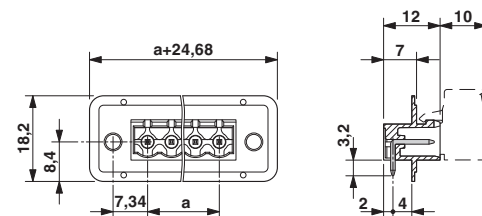
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram

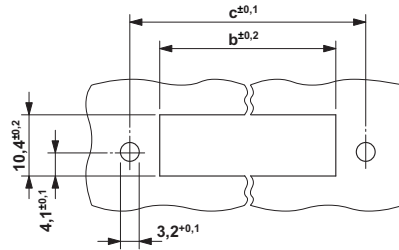


Dimensional drawing



## Base strip - DFK-MSTBA 2,5/16-G-5,08 - 1898978

Dimensional drawing



Dimension b: 2.38 mm + (no. of pos. x 5.08 mm)

Dimension c: Dim. b + 7.22 mm

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27141134 |
| eCl@ss 9.0 | 27141134 |

ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |
| ETIM 6.0 | EC001283 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121410 |

### Approvals

Approvals

## Base strip - DFK-MSTBA 2,5/16-G-5,08 - 1898978


### Approvals


Approvals


VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

### Approval details

|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
|   |   |   |          |
| Nominal current IN                      | 12 A  |   |          |
| Nominal voltage UN                      | 250 V   |   |          |

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58636-B1B2 |
|                    |   |   |                |
| Nominal current IN | 12 A  |   |                |
| Nominal voltage UN | 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 IN | 15 A  | 10 A  |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |

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

### Accessories

Accessories

Coding element

## Base strip - DFK-MSTBA 2,5/16-G-5,08 - 1898978

### 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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### Filler plug

Accessories - MSTB-BL - 1755477



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

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### Mounting material

Screw set - DFK-MSTB-SS - 0708263



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

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### Additional products

Printed-circuit board connector - FKCN 2,5/16-ST-5,08 - 1754704



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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### Accessories

Printed-circuit board connector - MSTB 2,5/16-ST-5,08 - 1757158



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/16-STZ-5,08 - 1764248



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/16-ST-5,08 - 1769159



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/16-ST-5,08 - 1777426



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBT 2,5/16-ST-5,08 - 1781124



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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### Accessories

#### Printed-circuit board connector - MVSTBR 2,5/16-ST-5,08 - 1792388



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/16-ST-5,08 - 1792896



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/16-ST-5,08 - 1808955



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, 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 2,5/16-STZ-5,08 - 1809640



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, 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 - MSTBU 2,5/16-STD-5,08 - 1824269



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

## Base strip - DFK-MSTBA 2,5/16-G-5,08 - 1898978

### Accessories

Printed-circuit board connector - MSTBU 2,5/16-ST-5,08-FL - 1824492



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/16-ST-5,08 - 1826429



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Plug - MSTBVK 2,5/16-ST-5,08 - 1831456



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - UMSTBVK 2,5/16-ST-5,08 - 1833959



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - FKC 2,5/16-ST-5,08 - 1873197



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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### Accessories

Printed-circuit board connector - FKCVW 2,5/16-ST-5,08 - 1873799



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVR 2,5/16-ST-5,08 - 1874099



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 1/16-ST-5,08 - 1883844



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 16, pitch: 5.08 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCT 2,5/16-ST-5,08 - 1902259



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/16-ST-5,08 - 1975215



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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