

## Base strip - IC 2,5/11-G-5,08 - 1786491

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- Pairs of guide rails can be used as a 90° board-to-board connection
- Combination with MSTB 2,5 headers for primary/secondary/PCB connection
- Use in shock-proof applications
- Clear separation of PCB inputs/outputs



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 042646 |
| Weight per Piece (excluding packing) | 10.64 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 19 mm   |
| Pitch                    | 5.08 mm |
| Dimension a              | 50.8 mm |
| Constructional height    | 11 mm   |
| Length of the solder pin | 3.5 mm  |

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### Technical data

#### Dimensions

|                |           |
|----------------|-----------|
| Pin dimensions | 1,2 x 0,5 |
| Hole diameter  | 1.4 mm    |

#### General

|  |             |
|--|-------------|
| Range of articles                      | IC 2,5/..-G |
| 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)                  | 320 V       |
| Rated voltage (III/2)                  | 320 V       |
| Rated voltage (II/2)                   | 630 V       |
| Connection in acc. with standard       | EN-VDE      |
| Nominal current $I_N$                  | 12 A        |
| Maximum load current                   | 12 A        |
| Insulating material                    | PA          |
| Flammability rating according to UL 94 | V0          |
| Color                                  | green       |
| Number of positions                    | 11          |

#### Standards and Regulations

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

#### Classifications

##### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| 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 |

#### UNSPSC

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

### Approvals

#### Approvals

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#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|   |       |       |
|---|-------|-------|
| CSA  | B     | D     |
| Nominal current IN  | 10 A  | 10 A  |
| Nominal voltage UN  | 300 V | 300 V |

|   |      |      |
|---|------|------|
| UL Recognized  | B    | D    |
| Nominal current IN  | 12 A | 10 A |

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Approvals

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 250 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung 

|                    |       |
|--------------------|-------|
| Nominal current IN | 12 A  |
| Nominal voltage UN | 250 V |

cUL Recognized 

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal current IN | 12 A  | 10 A  |
| Nominal voltage UN | 250 V | 300 V |

IECEE CB Scheme 

|                    |       |
|--------------------|-------|
| Nominal current IN | 12 A  |
| Nominal voltage UN | 250 V |

EAC

EAC

cULus Recognized 

### Accessories

- Accessories
- Coding element

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Accessories

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

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Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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### Additional products

Base strip - DFK-MSTBA 2,5/11-G-5,08 - 1898923



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

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Base strip - DFK-MSTB 2,5/11-G-5,08 - 0707329



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Accessories

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Base strip - A-MSTBVA 2,5/11-G-5,08 - 1872554



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: DIN rail

Printed-circuit board connector - IC 2,5/11-ST-5,08 - 1786268



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - MSTBW 2,5/11-G-5,08 - 1735798



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBVA 2,5/11-G-5,08 - 1755820



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBV 2,5/11-G-5,08 - 1758102



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Accessories

Base strip - MSTB 2,5/11-G-5,08 - 1759101



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - DFK-MSTBVA 2,5/11-G-5,08 - 1899223



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MDSTBVA 2,5/11-G-5,08 - 1845426



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, 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!

Base strip - MDSTBA 2,5/11-G-5,08 - 1842157



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, 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!

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### Accessories

Base strip - EMSTBA 2,5/11-G-5,08 - 1880397



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

Base strip - EMSTBVA 2,5/11-G-5,08 - 1859603



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

Printed-circuit board connector - FKIC 2,5/11-ST-5,08 - 1873443



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - MSTBA 2,5/11-G-5,08-LA - 1768037



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/11-G-5,08 - 1757336



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Accessories

Base strip - MSTB 2,5/11-G-5,08-LA - 1770805



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green,  
Contact surface: Tin, Mounting: Wave soldering

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Base strip - MDSTBV 2,5/11-G1-5,08 - 1762596



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green,  
Contact surface: Tin, Mounting: Wave soldering, 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!

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Base strip - MDSTB 2,5/11-G1-5,08 - 1762460



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green,  
Contact surface: Tin, Mounting: Wave soldering, 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!

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Base strip - SMSTBA 2,5/11-G-5,08 - 1767465



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green,  
Contact surface: Tin, Mounting: Wave soldering

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Base strip - SMSTB 2,5/11-G-5,08 - 1769557



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green,  
Contact surface: Tin, Mounting: Wave soldering

## Base strip - IC 2,5/11-G-5,08 - 1786491

### Accessories

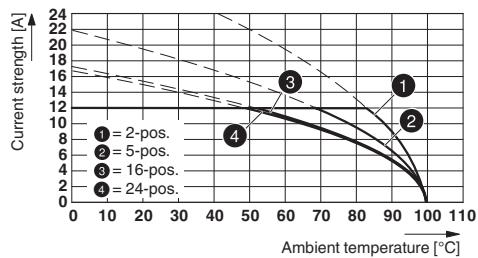
Printed-circuit board connector - ICC 2,5/11-STZ-5,08 - 1823930



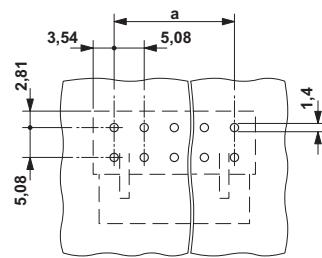
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

### Drawings

Diagram

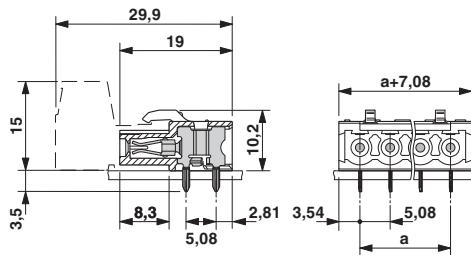


Drilling diagram



Type: IC 2,5/..-G-5,08 with MSTBA 2,5/..-G-5,08

Dimensional drawing



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