

Base strip - IC 2,5/16-GF-5,08 - 1825268

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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: Soldering




The figure shows a 10-position version of the product

Why buy this product

- 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 | 50 pc |
| GTIN |  4 017918 103590 |
| Weight per Piece (excluding packing) | 11.69 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|----------------|-----------|
| Length | 19 mm |
| Pitch | 5.08 mm |
| Dimension a | 76.2 mm |
| Pin dimensions | 1,2 x 0,5 |
| Hole diameter | 1.4 mm |

General

| | |
|-----------------------------|--------------|
| Range of articles | IC 2,5/..-GF |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |

Base strip - IC 2,5/16-GF-5,08 - 1825268

Technical data

General

| | |
|---|--------|
| 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 |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Number of positions | 16 |

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 |

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

Base strip - IC 2,5/16-GF-5,08 - 1825268

Approvals

Approvals

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

Ex Approvals

Approvals submitted

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 |
| 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 |

Base strip - IC 2,5/16-GF-5,08 - 1825268

Approvals

| | |
|--------------------|-------|
| IECEE CB Scheme | |
| Nominal current IN | 12 A |
| Nominal voltage UN | 250 V |

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

| | |
|-----|--|
| EAC | |
|-----|--|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

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



Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

Base strip - IC 2,5/16-GF-5,08 - 1825268

Accessories

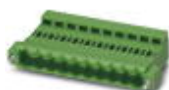
Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Additional products

Printed-circuit board connector - ICC 2,5/16-STZF-5,08 - 1823529



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 male crimp contacts with current [A] and conductor cross section range [mm²] 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

Printed-circuit board connector - IC 2,5/16-STF-5,08 - 1825459



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

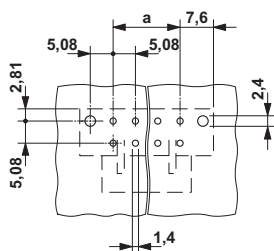
Printed-circuit board connector - FKIC 2,5/16-STF-5,08 - 1873647



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Dimensioned drawing

