

Base strip - EMSTBVA 2,5/16-G-5,08 - 1859658

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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, Assembly: Press-in



The figure shows a 10-position version of the product

Why buy this product

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Processing according to EN 60352-5



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 133078 |
| Weight per Piece (excluding packing) | 6.31 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|---------|
| Length | 8.6 mm |
| Pitch | 5.08 mm |
| Dimension a | 76.2 mm |
| Pin dimensions | 1,7 mm |
| Hole diameter | 1.75 mm |

General

| | |
|-----------------------------|-------------------|
| Range of articles | EMSTBVA 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 |

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Technical data

General

| | |
|---|--------|
| Rated voltage (III/3) | 200 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 12 A |
| Maximum load current | 12 A |
| Insulating material | PBT |
| 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

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCEB Scheme / GOST / cUL Recognized / CCA / cULus Recognized

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Approvals

Ex Approvals

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | D |
| Nominal current I _N | 12 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung | |
| Nominal current I _N | 12 A |
| Nominal voltage U _N | 250 V |

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| Nominal current I _N | 12 A | 10 A |
| Nominal voltage U _N | 250 V | 300 V |

| |
|------|
| GOST |
|------|

| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| Nominal current I _N | 12 A |
| Nominal voltage U _N | 250 V |

| |
|------|
| GOST |
|------|

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Approvals

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

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

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

Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



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

Filler plug

Accessories - MSTB-BL - 1755477



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

Labeled terminal marker

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Accessories

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



Marker cards, 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: 5.08 x 3.8 mm

Mounting material

Assembly adapters - EMSTBVA 2,5-SS-1-5,08 - 1877216



Stamp set, consisting of an upper and lower stamp, upper stamp: 2 to 16-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

Accessories - EMSTBVA 2,5-SS-2-5,08 - 1877229

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

Accessories - EMSTB 2,5-SH - 1877203



Stamp holder, for upper and lower stamp

- EMSTBVA 2,5-SS-3-5,0 - 1914810

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.0 mm

Additional products

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, Color: green, Contact surface: Tin

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Accessories

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: Spring-cage connection, Color: green, Contact surface: Tin

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, Color: green, Contact surface: Tin, Assembly: DIN rail

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, Color: green, Contact surface: Tin, Assembly: DIN rail

Base strip - ICV 2,5/16-G-5,08 - 1786080



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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, Color: green, Contact surface: Tin

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Accessories

Base strip - IC 2,5/16-G-5,08 - 1786543

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering



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, Color: green, Contact surface: Tin, Assembly: Direct mounting



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 [mm²] 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-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 [mm²] 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 - 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, Color: green, Contact surface: Tin



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Accessories

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: Screw connection, 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, Color: green, Contact surface: Tin



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, 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, Color: green, Contact surface: Tin



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: Spring-cage connection, Color: green, Contact surface: Tin



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Accessories

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: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

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: Spring-cage connection, Color: green, Contact surface: Tin

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: Spring-cage connection, Color: green, Contact surface: Tin

Feed-through terminal block - ZFKK 1,5-ICV-5,08 - 1873029



Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 2.5 mm², Width: 5.1 mm, Color: gray, Mounting: NS 35/15, NS 35/7,5 / Ex data new / /

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

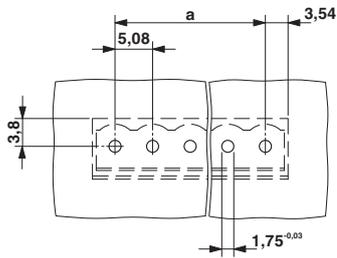


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

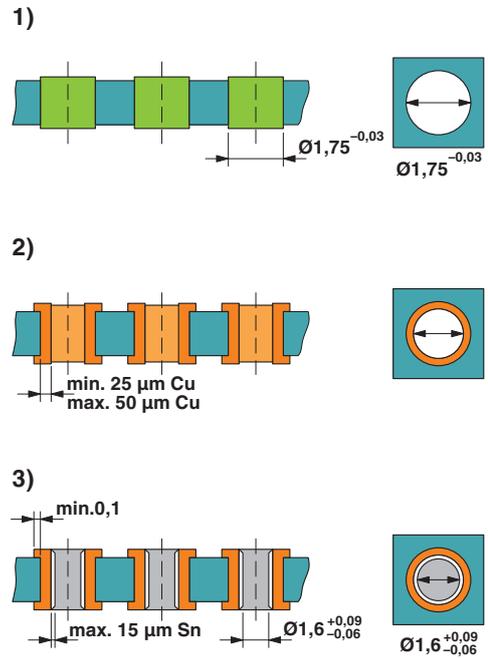
Drawings

Base strip - EMSTBVA 2,5/16-G-5,08 - 1859658

Drilling diagram



Drilling diagram



Drill hole layout in FR4 or EP-GC basic material