

Printed-circuit board connector - SMSTB 2,5/22-ST - 1768956

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 034313 |
| Weight per Piece (excluding packing) | 39.89 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-------------|--------|
| Pitch | 5 mm |
| Dimension a | 105 mm |

General

| | |
|----------------------------------|---------------------|
| Range of articles | SMSTB 2,5/...-ST |
| 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) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal cross section | 2.5 mm ² |

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Technical data

General

| | |
|---|---|
| Maximum load current | 12 A (with 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Number of positions | 22 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

UNSPSC

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

Approvals

Approvals


Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
|  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 15 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

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Approvals

UL Recognized

| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 15 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

cUL Recognized

| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current I _N | 15 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

EAC

cULus Recognized

Accessories

Additional products

Base strip - MSTBVA 2,5/22-G - 1755707



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTBV 2,5/22-G - 1753835



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Accessories

Base strip - MSTB 2,5/22-G - 1754834



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - EMSTBA 2,5/22-G - 1900044



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - EMSTBVA 2,5/22-G - 1915770



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - MSTBA 2,5/22-G-LA - 1770685



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTBA 2,5/22-G - 1757666



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Accessories

Base strip - MSTB 2,5/22-G-LA - 1768383



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - SMSTBA 2,5/22-G - 1767342



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

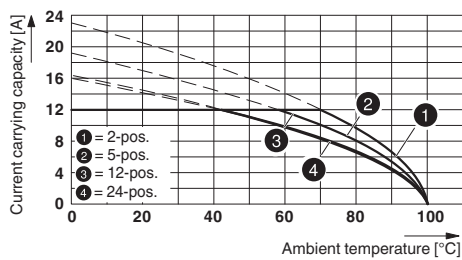
Base strip - SMSTB 2,5/22-G - 1769434



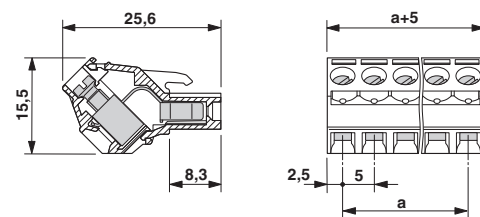
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 22, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Drawings

Diagram



Dimensioned drawing



Type: SMSTB 2,5/...-ST(-5,08) with SMSTBA 2,5/...-G(-5,08)