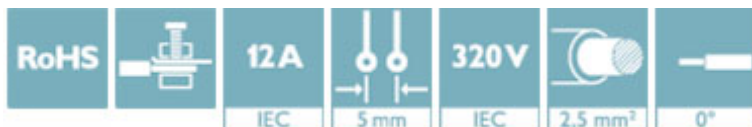



Printed-circuit board connector - MSTB 2,5/ 3-ST BD:3-1 SO - 1918890

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 481292 |
| GTIN | 4017918481292 |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 5 mm |
| Dimension a | 10.00 mm |

General

| | |
|--|---|
| Range of articles | MSTB 2,5/..-ST |
| Type of contact | Female connector |
| Number of positions | 3 |
| Connection method | Screw connection with tension sleeve |
| 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 |
| Maximum load current | 12 A (with a 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |

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Technical data

General

| | |
|------------------------|--------|
| 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 flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG 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 |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals

Printed-circuit board connector - MSTB 2,5/ 3-ST BD:3-1 SO - 1918890

Approvals

Approvals

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

Ex Approvals

Approval details

| | | | |
|--------------------------------|--|---|-------|
| CSA | | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| | | 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 |

| | | | |
|---|--|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40004701 |
| | | | |
| mm ² /AWG/kcmil | | 0.2-2.5 | |
| Nominal current I _N | | 12 A | |
| Nominal voltage U _N | | 250 V | |

| | | | |
|--------------------------------|--|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-56062-B1B2 |
| | | | |
| mm ² /AWG/kcmil | | 0.2-2.5 | |
| Nominal current I _N | | 12 A | |
| Nominal voltage U _N | | 250 V | |

| | | | |
|--------------------------------|--|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | | B | D |
| mm ² /AWG/kcmil | | 30-12 | 30-12 |
| Nominal current I _N | | 15 A | 15 A |
| Nominal voltage U _N | | 300 V | 150 V |

Printed-circuit board connector - MSTB 2,5/ 3-ST BD:3-1 SO - 1918890

Approvals

EAC



B.01742

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