

SMSTB 2,5/10-ST

Order No.: 1768833

The figure shows a 10-position version of the product



Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:
5.0 mm, no. of positions: 10, type of connection: Screw connection

Commercial data

EAN	4017918034191
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.01909 KG
Catalog page information	Page 177 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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here has been taken from the
online catalog. For comprehensive
information and data, please refer
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Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	45 mm
Number of positions	10
Screw thread	M 3
Tightening torque, min	0.5 Nm

Technical data

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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V2
Internal cylindrical gage	A3
Stripping length	7 mm

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

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12
Certification	CSA, CUL, GOST, UL

Additional products

Item	Designation	Description
General		
1899922	EMSTBA 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: press in

1914933	EMSTBVA 2,5/10-G	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.0 mm, no. of positions: 10, mounting: press in
1762774	MDSTB 2,5/10-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1846593	MDSTBA 2,5/10-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1762923	MDSTBV 2,5/10-G1	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1845866	MDSTBVA 2,5/10-G	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1754591	MSTB 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1768260	MSTB 2,5/10-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1757543	MSTBA 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1770562	MSTBA 2,5/10-G-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1765085	MSTBHK 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Mounting rail
1753592	MSTBV 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1755503	MSTBVA 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1736030	MSTBW 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1769311	SMSTB 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering
1769887	SMSTBA 2,5/10-G	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 10, mounting: Soldering

Drawings

Dimensioned drawing

