

Printed-circuit board connector - SMSTB 2,5/10-ST-5,08 BK - 1874507

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PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin



The figure shows a 10-position version of the product

Your advantages

- ☑ Well-known connection principle allows worldwide use
- ☑ Optimized for tight installation situations: operation and conductor connection from one direction
- Angled conductor connection enables operation and conductor connection from one direction
- ☑ Low temperature rise, thanks to maximum contact force



Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 232467
GTIN	4017918232467

Technical data

Dimensions

Length [1]	25.6 mm
Width [w]	50.8 mm
Height [h]	15.5 mm
Pitch	5.08 mm
Dimension a	45.72 mm

General

Range of articles	SMSTB 2,5/ST	
Number of positions 10		
Connection method	Screw connection with tension sleeve	
Insulating material group	1	
Rated surge voltage (III/3)	4 kV	

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Printed-circuit board connector - SMSTB 2,5/10-ST-5,08 BK - 1874507

Technical data

General

Rated surge voltage (II/2)4 kVRated surge voltage (II/2)4 kVRated voltage (II/2)50 VRated voltage (II/2)50 VRated voltage (II/2)50 VConnection in acc. with standardEN-VDENominal cross section12 ANominal cross section2.5 mm² conductor cross section)Insulating materialPAFlamability rating according to UL 94V0Internal cylindrical gage3.3Stripping length7 mmTyping length0.6 NmConductor cross section flamability material2.5 mm²Conductor cross section flamability material2.5 mm²Conductor cross section solid min.0.1 mm²Conductor cross section flamability material2.5 mm²Conductor cross section flamability material2.5 mm²Conductor cross section flamability mathruly plastic slever min.2.5 mm²Conductor cross section flamability.2.5 mm²Conductor cros		
Rated voltage (III/3)250 VRated voltage (III/2)320 VRated voltage (III/2)630 VConnection in acc. with standardEN-VDENominal current I.,12 ANominal current I.,12 A (with a 2.5 mm² conductor cross section)Insulating materialPAFlammability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmConductor cross section solid min.0.2 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible, with ferrule without plastic slever min.0.25 mm²Conductor cross section flexible, with ferrule without plastic slever min.0.25 mm²Conductor cross section flexible, with ferrule without plastic slever min.0.2 mm²Conductor cross section flexible, with ferrule without plastic slever min.0.2 mm²Conductor with same cross section, solid max.1 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic1 cmm²	Rated surge voltage (III/2)	4 kV
Rated voltage (III2) 320 V Rated voltage (II2) 630 V Connection in acc. with standard EN-VDE Nominal cross section 12 A Nominal cross section 12 A (with a 2.5 mm² conductor cross section) Insulating material PA Elemmability rating according to UL 94 V0 Internal cylindrical gage A3 Stripping length 7 mm Screw thread M3 Tightening forque max 0.6 Nm Conductor cross section solid min. 0.2 mm² Conductor cross section fielible with ferule without plastic slever max. 2 fm²	Rated surge voltage (II/2)	4 kV
Rated voltage (III2) 630 V Connection in acc. with standard EN-VDE Nominal cross section 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 Screw thread M3 Tightening torque max 0.6 Mm Conductor cross section solid min. 0.2 mm ² Conductor cross section flexible min. 0.2 mm ² Conductor cross section flexible max. 2.5 mm ³ Conductor cross section flexible, with ferrule without plastic sleave min. 0.26 mm ³ Conductor cross section flexible, with ferrule with plastic sleave min. 0.26 mm ³ Conductor cross section flexible, with ferrule with plastic sleave min. 0.26 mm ³ Conductor cross section flexible, with ferrule with plastic sleave min. 0.26 mm ³ Conductor cross section flexible, with ferrule with plastic sleave min. 0.26 mm ³ Conductor cross section flexible, with ferrule with plastic sleave min. 0.26 mm ³ </td <td>Rated voltage (III/3)</td> <td>250 V</td>	Rated voltage (III/3)	250 V
Connection in acc. with standard EN-VDE Nominal current II, 12 A Nominal corse section 2.5 mm ³ conductor cross section) 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 Screw thread M3 Tightening torque max 0.6 Nm Conductor cross section solid min. 0.2 mm ² Conductor cross section flexible min. 0.2 mm ² Conductor cross section flexible max. 2.5 mm ³ Conductor cross section flexible min. 0.26 mm ² Conductor cross section flexible with ferrule without plastic sleeve min. 0.26 mm ² Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm ³ Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm ³ Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm ³ Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm ³ Conductor cross section solid max. 12 <td>Rated voltage (III/2)</td> <td>320 V</td>	Rated voltage (III/2)	320 V
Nominal current I.,12 ANominal cross section2.5 mm²Maximu load current12 A (with a 2.5 mm² conductor cross section)Insulating materialPAIemmability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmScrew threadMaDemote the conductor cross section solid min.0.6 NmConductor cross section solid max.2.5 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.12Conductor cross section flexible, with ferrule with plastic sleeve max.12Conductor with same cross section, slid min.0.2 mm²2 conductors with same cross section, stranded ferrules without plastic sleeve max.15 mm²2 conductors with same cross section, stranded ferrules without plastic sleeve, min.0.26 mm²2 conductors with same cross section, stranded ferrules without plastic sleeve, min.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. <td>Rated voltage (II/2)</td> <td>630 V</td>	Rated voltage (II/2)	630 V
Nominal cross section2.5 mm³Maximum load current12 A (with a 2.5 mm² conductor cross section)Insulating materialPAFlammability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmScrew threadM3Tightening torque max0.6 NmConductor cross section solid min.0.2 mm²Conductor cross section solid max.2.5 mm³Conductor cross section flexible min.0.2 mm²Conductor cross section flexible min.0.2 mm³Conductor cross section flexible with ferrule without plastic sleve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleve min.0.26 mm²Conductor cross section flexible, with ferrule with plastic sleve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleve max.2.5 mm²Conductor cross section AWG max.12Conductor cross section AWG max.122 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic sleve, max.15 mm²2 conductors with same cross section, stranded, ferrules without plastic sleve, max.1 mm²2 conductors with same cross	Connection in acc. with standard	EN-VDE
Maximum load current12 A (with a 2.5 mm² conductor cross section)Insulating materialPAFlammability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmStrew threadM3Tightening torque max0.6 NmConnection data2.5 mm²Conductor cross section solid min.0.2 mm²Conductor cross section solid max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.26 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.26 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.26 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.26 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.26 mm²Conductor cross section AWG min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.26 mm²2 conductors with same cross section, stranded, ferrules without plastic sle	Nominal current I _N	12 A
Insulating materialPAFlammability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmScrew threadM3Tightening torque max0.6 NmConnection data0.2 mm²Conductor cross section solid min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section AWG max.12 conductors with same cross section, solid max.12 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded max.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic2.5 mm²2 conductors with same cross section, stranded, ferrules without plastic2.5 mm²2 conductors with same cross section, stranded, ferrules without plastic2.2 mm²2 conductors with same cross section, stranded, f	Nominal cross section	2.5 mm ²
Flammability rating according to UL 94V0Internal cylindrical gageA3Stripping length7 mmScrew threadM3Tightening torque max0.6 NmConnection data0.2 mm²Conductor cross section solid min.0.2 mm²Conductor cross section solid max.2.5 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.12Conductor with same cross section, slif anded min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic2.5 mm²2 conductors with same cross section, stranded, ferrules without plastic1 mm²2 conductors with same cross section, stranded, ferrules withou	Maximum load current	12 A (with a 2.5 mm ² conductor cross section)
Internal cylindrical gageA3Stripping length7 mmScrew threadM3Tightening torque max0.6 NmConnection data0.2 mm³Conductor cross section solid min.0.2 mm³Conductor cross section solid max.2.5 mm³Conductor cross section flexible min.0.2 mm³Conductor cross section flexible max.2.5 mm³Conductor cross section flexible max.2.5 mm³Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm³Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm³Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm³Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm³Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm³Conductor cross section AWG max.122 conductors cross section, solid max.122 conductors with same cross section, stranded min.0.2 mm³2 conductors with same cross section, stranded min.0.2 mm³2 conductors with same cross section, stranded, ferrules without plastic1.5 mm³2 conductors with same cross section, stranded, ferrules without plastic1.5 mm³2 conductors with same cross section, stranded, ferrules without plastic1.5 mm³2 conductors with same cross section, stranded, TWIN ferrules with0.5 mm³2 conductors with same cross section, stranded, TWIN ferrules with1.5 mm³2 conductors with same cross section, stranded, TWIN ferrules with1.5 mm³ <td>Insulating material</td> <td>PA</td>	Insulating material	PA
Stripping length7 mmScrew threadM3Tightening torque max0.6 NmConnection data0.2 mm²Conductor cross section solid min.0.2 mm²Conductor cross section solid max.2.5 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section, solid min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, frules without plastic sleeve, max.1.5 mm²2 conductors with same cross sectio	Flammability rating according to UL 94	V0
Screw threadM3Tightening torque max0.6 NmConnection data0.2 mm²Conductor cross section solid min.0.2 mm²Conductor cross section solid max.2.5 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor section flexible, with ferrule with plastic sleeve max.1.2 mm²Conductor section flexible, with ferrule without plastic sleeve max.1.5 mm²Conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross se	Internal cylindrical gage	A3
Tightening torque max0.6 NmConnection data0.2 mm²Conductor cross section solid max.2.5 mm²Conductor cross section solid max.0.2 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor sith same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. <td< td=""><td>Stripping length</td><td>7 mm</td></td<>	Stripping length	7 mm
Connection data Conductor cross section solid min. 0.2 mm² Conductor cross section flexible min. 0.2 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section flexible max. 2.5 mm² Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm² Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm² Conductor cross section AWG min. 0.2 mm² Conductor sith same cross section, solid max. 1 mm² 2 conductors with same cross section, stranded min. 0.2 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. </td <td>Screw thread</td> <td>M3</td>	Screw thread	M3
Conductor cross section solid min.0.2 mm2Conductor cross section solid max.2.5 mm2Conductor cross section flexible min.0.2 mm2Conductor cross section flexible max.2.5 mm2Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm2Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm2Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm2Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm2Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm2Conductor cross section AWG min.2.4Conductor swith same cross section, solid min.0.2 mm22 conductors with same cross section, solid max.1 mm22 conductors with same cross section, stranded min.0.2 mm22 conductors with same cross section, stranded max.1.5 mm22 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm22 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve,	Tightening torque max	0.6 Nm
Conductor cross section solid max.2.5 mm²Conductor cross section flexible min.0.2 mm²Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG min.24Conductor swith same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic0.2 mm²2 conductors with same cross section, stranded, ferrules without plastic0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic0.5 mm²2 conductors with same cross section, stranded, ferrules without plastic0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules wit	Connection data	
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Conductor cross section flexible max.2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG min.24Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, terrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG max.24Conductor swith same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30 <td>Conductor cross section flexible min.</td> <td>0.2 mm²</td>	Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.24Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.3.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.3.0	Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG min.24Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG max.24Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules with plastic sleeve, min.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.24Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section AWG max.122 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.0.2 fmm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.2 fmm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²2 nonductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.0.2 mm²2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	Conductor cross section AWG min.	24
2 conductors with same cross section, solid max.1 mm²2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²	Conductor cross section AWG max.	12
2 conductors with same cross section, stranded min.0.2 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.30	2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm²3030	2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.1 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm²3030	2 conductors with same cross section, stranded min.	0.2 mm ²
sleeve, min. 0.25 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm² Minimum AWG according to UL/CUL 30	2 conductors with same cross section, stranded max.	1.5 mm ²
sleeve, max. 1 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm² Minimum AWG according to UL/CUL 30		0.25 mm²
plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm² Minimum AWG according to UL/CUL 30		1 mm ²
plastic sleeve, max. 1.5 mm² Minimum AWG according to UL/CUL 30		0.5 mm²
		1.5 mm ²
Maximum AWG according to UL/CUL 12	Minimum AWG according to UL/CUL	30
	Maximum AWG according to UL/CUL	12

Standards and Regulations



Printed-circuit board connector - SMSTB 2,5/10-ST-5,08 BK - 1874507

Technical data

Standards and Regulations

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

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1	
China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

Approvals

Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals

Approval details

CSA SE	http://www.csagroup.org/services-industries/product-listing/ 13631	
	D	В
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	15 A
mm²/AWG/kcmil	28-12	28-12

EAC	EHE	B.01742
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cULus Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19931011	
	D	В
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	15 A
mm²/AWG/kcmil	30-12	30-12

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