

## Plug - SMSTB 2,5/ 6-ST BK - 1702139

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PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 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 046356 572705
GTIN	4046356572705

### Technical data

#### Dimensions

Length [ l ]	25.6 mm
Width [ w ]	30 mm
Height [ h ]	15.5 mm
Pitch	5 mm
Dimension a	25 mm

#### General

Range of articles	SMSTB 2,5/...-ST
Number of positions	6
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE

# Plug - SMSTB 2,5/ 6-ST BK - 1702139

## Technical data

### General

Nominal current $I_N$	12 A
Nominal cross section	2.5 mm <sup>2</sup>

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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### 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

EAC


## Plug - SMSTB 2,5/ 6-ST BK - 1702139

### Approvals

Ex Approvals

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#### Approval details

EAC		B.01742
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