

# PCB terminal block - SPT-SMD 1,5/ 5-V-5,08 R44 - 1824446

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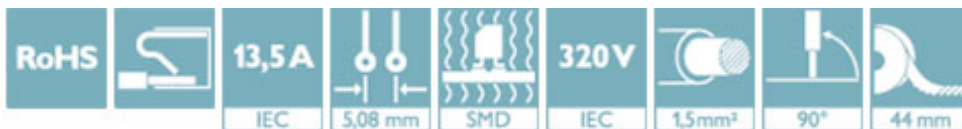
PCB terminal block, nominal current: 13.5 A, nom. voltage: 320 V, pitch: 5.08 mm, number of positions: 5, connection method: Push-in spring connection, mounting: SMD soldering, conductor/PCB connection direction: 90 °, color: black. Sample values available under SAMPLE SPT...



The figure shows the 10-position version

## Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Designed for integration into the SMT soldering process
- Operation and conductor connection from one direction enable integration into front of device
- Quick and convenient testing using integrated test option
- Two soldering spots per position reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	200 pc
Minimum order quantity	200 pc
GTIN	
GTIN	4046356816540

## Technical data

### Dimensions

Length [ l ]	7.7 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Width [ w ]	24.32 mm
Constructional height	13.6 mm
Height [ h ]	13.6 mm
Pin dimensions	0,7 x 0,3 mm

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## Technical data

### Dimensions

Pin spacing	7 mm
Hole diameter	1.1 mm

### General

Range of articles	SPT 1,5/..-V-SMD
Insulating material group	IIIa
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)	500 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	13.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Insulating material	LCP
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	5

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

### Standards and Regulations

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

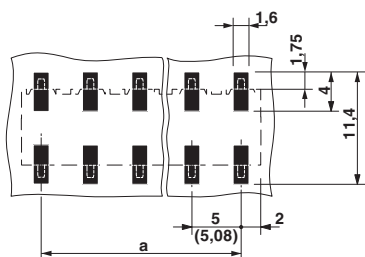
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

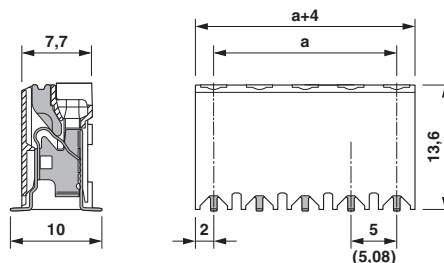
## Drawings

# PCB terminal block - SPT-SMD 1,5/ 5-V-5,08 R44 - 1824446

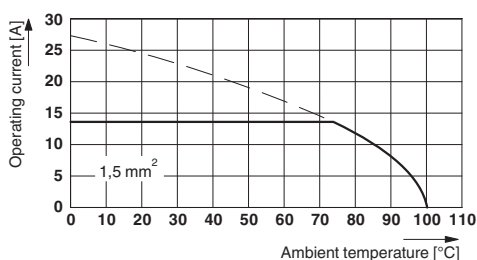
Drilling diagram



Dimensional drawing



Diagram



Type: SPT-SMD 1,5/...-V-5,0(5,08) R..  
 Tested in accordance with DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 Number of positions: 5

## Approvals

### Approvals

#### Approvals

EAC / VDE approval of drawings / cULus Recognized / IECCEB Scheme

#### Ex Approvals

### Approval details

EAC		B.01742
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VDE approval of drawings		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40046113
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Nominal voltage UN	320 V
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# PCB terminal block - SPT-SMD 1,5/ 5-V-5,08 R44 - 1824446

## Approvals

Nominal current IN	13.5 A
mm <sup>2</sup> /AWG/kcmil	0.2-1.5

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20061129
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60621
Nominal voltage UN	320 V		
Nominal current IN	13.5 A		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		

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