



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



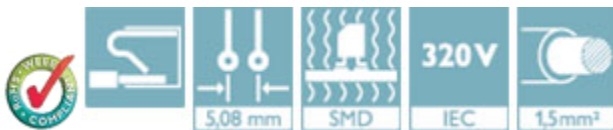
PCB terminal block - SPT-SMD 1,5/12-H-5,08 R88 - 1824954

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 12, Connection method: Push-in spring connection, Mounting: SMD soldering, Conductor/PCB connection direction: 0°, Color: black, Sample values available under SAMPLE SPT...



The illustration shows the 10-position version



Key Commercial Data

| | |
|------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 300 pc |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|--------------|
| Length | 13.6 mm |
| Pitch | 5.08 mm |
| Dimension a | 55.88 mm |
| Width | 59.88 mm |
| Height | 7.7 mm |
| Pin dimensions | 0,7 x 0,3 mm |
| Pin spacing | 7 mm |
| Hole diameter | 1.1 mm |

General

| | |
|-----------------------------|-------------------|
| Range of articles | SPT 1,5/...-H-SMD |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |

PCB terminal block - SPT-SMD 1,5/12-H-5,08 R88 - 1824954

Technical data

General

| | |
|--|---------------------|
| 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 ² |
| Insulating material | LCP |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 8 mm |
| Number of positions | 12 |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.2 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.2 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| 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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

PCB terminal block - SPT-SMD 1,5/12-H-5,08 R88 - 1824954

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 24-16 | 24-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

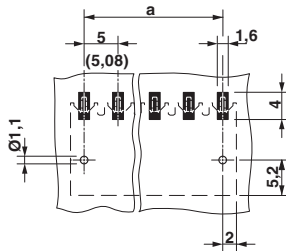
PCB terminal block - SPT-SMD 1,5/12-H-5,08 R88 - 1824954

Approvals

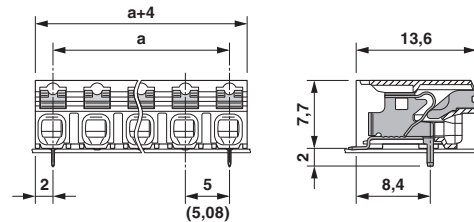
| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 24-16 | 24-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |
| EAC | | |
| cULus Recognized | | |

Drawings

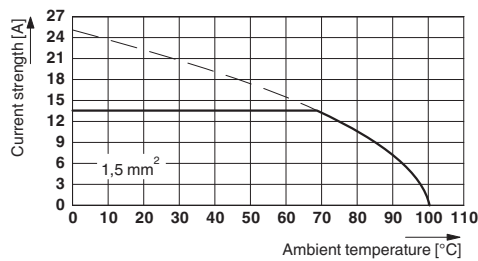
Drilling diagram



Dimensional drawing



Diagram



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

