



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

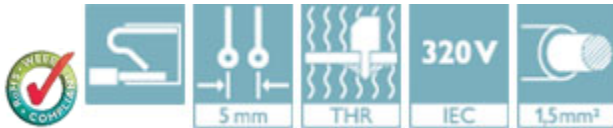
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## PCB terminal block - SPT-THR 1,5/11-V-5,0 P20 R88 - 1823502

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 mm, Number of positions: 11, Connection method: Push-in spring connection, Mounting: THR soldering, Conductor/PCB connection direction: 90 °, Color: black, Sample values available under SAMPLE SPT...



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	200 pc
Weight per Piece (excluding packing)	9.1 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.7 mm
Pitch	5.00 mm
Dimension a	50 mm
Width	54 mm
Height	13.6 mm
Length of the solder pin	2 mm
Pin dimensions	0,7 x 0,3 mm
Pin spacing	5.5 mm
Hole diameter	1.1 mm

#### General

Range of articles	SPT 1,5/..-V-THR
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV

# PCB terminal block - SPT-THR 1,5/11-V-5,0 P20 R88 - 1823502

## Technical data

### General

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
Nominal current I <sub>N</sub>	13.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Insulating material	LCP
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	11

### 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

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
eCl@ss 8.0	27440401

# PCB terminal block - SPT-THR 1,5/11-V-5,0 P20 R88 - 1823502

## Classifications

eCl@ss

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 / EAC / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

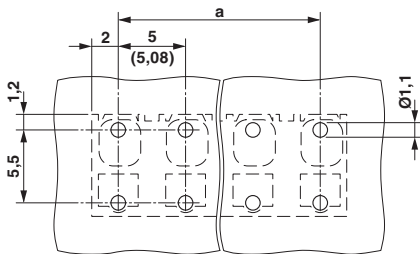
# PCB terminal block - SPT-THR 1,5/11-V-5,0 P20 R88 - 1823502

## Approvals

cUL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V
EAC		
EAC		
cULus Recognized		

## Drawings

Drilling diagram



Dimensional drawing

