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

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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	200 STK
Minimum order quantity	200 STK
GTIN	 4 046356 815321

## 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
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

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

## Technical data

### General

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
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## 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
eCl@ss 9.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

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

## Classifications

### 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 <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

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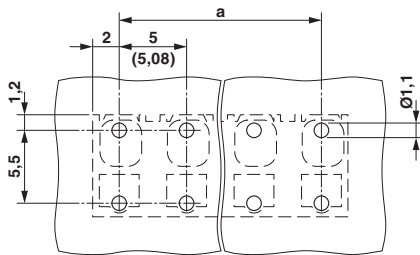
# PCB terminal block - SPT-THR 1,5/11-V-5,0 P20 R88 - 1823502

## Approvals

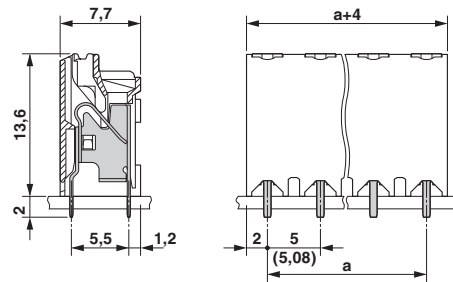
cULus Recognized  US

## Drawings

Drilling diagram



Dimensional drawing



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