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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!



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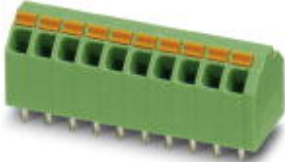
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## PCB terminal block - SPTA 1,5/ 5-3,81 - 1751503

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PCB terminal block, Nominal current: 9 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 5, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green



The illustration shows the 10-position version

### Product Features

- ✓ Generously dimensioned labeling and printing area
- ✓ Easy operation when releasing the conductor via the orange actuating lever
- ✓ User-friendly and quick conductor connection using Push-in direct plug-in technology
- ✓ Classic desk shape with double pinning for additional operational safety
- ✓ Large cable funnels for safely accommodating conductors up to 1.5 mm<sup>2</sup>
- ✓ Different pitches can be combined depending on product range



### Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	3.17 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	3.81 mm
Dimension a	15.24 mm
Pin dimensions	0,6 x 1,0 mm
Pin spacing	7 mm
Hole diameter	1.1 mm

#### General

## PCB terminal block - SPTA 1,5/ 5-3,81 - 1751503

### Technical data

#### General

Range of articles	SPTA 1,5/
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	9 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	9 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	10 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

### Classifications

#### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190

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## Classifications

### eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	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 / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECCE CB Scheme / GOST / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 	
	B
mm <sup>2</sup> /AWG/kcmil	26-16
Nominal current I <sub>N</sub>	10 A

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## Approvals

	B
Nominal voltage UN	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current IN	9 A
Nominal voltage UN	130 V

cUL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	26-16
Nominal current IN	10 A
Nominal voltage UN	300 V

CCA
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IECEE CB Scheme
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GOST
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GOST
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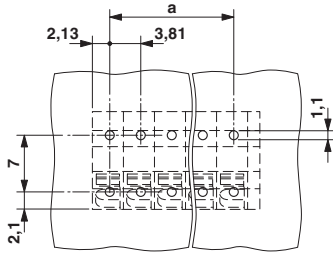
cULus Recognized
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## Drawings



# PCB terminal block - SPTA 1,5/ 5-3,81 - 1751503

Drilling diagram



Dimensioned drawing

