



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!



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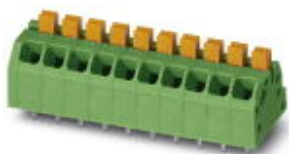
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PCB terminal block - SPTAF 1/ 8-3,5-EL - 1862107

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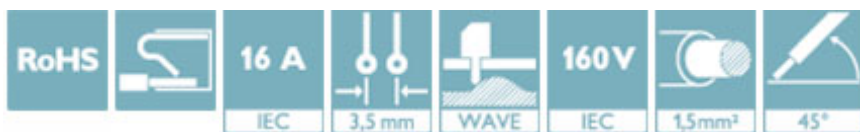
PCB terminal block, Nominal current: 16 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 8, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green



The figure shows a 10-position version of the product

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Finger-operated release button for very convenient operation
- Small component size for applications where space is at a premium
- Quick and convenient testing using integrated test option



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 STK |
| GTIN | |
| GTIN | 4055626135298 |

Technical data

Dimensions

| | |
|-----------------------|------------|
| Length | 11 mm |
| Pitch | 3.5 mm |
| Dimension a | 24.50 mm |
| Width | 29.50 mm |
| Constructional height | 10.2 mm |
| Height | 12.8 mm |
| Solder pin [P] | 2.6 mm |
| Pin dimensions | 0,75 x 0,3 |
| Pin spacing | 5.00 mm |
| Hole diameter | 1.1 mm |

PCB terminal block - SPTAF 1/ 8-3,5-EL - 1862107

Technical data

General

| | |
|--|---------------------|
| Range of articles | SPTAF 1/...-EL |
| 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 | 16 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 16 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 8 mm |
| Number of positions | 8 |

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. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 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 |

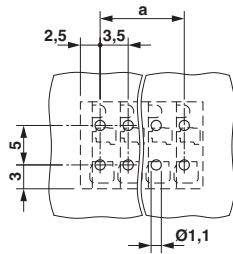
Environmental Product Compliance

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

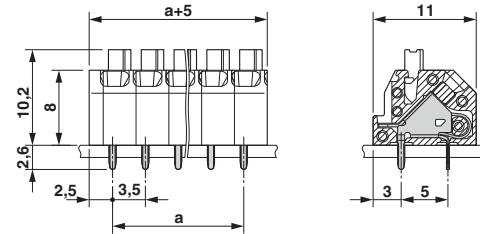
Drawings

PCB terminal block - SPTAF 1/ 8-3,5-EL - 1862107

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | B | D | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |
| Nominal current I _N | 8 A | 8 A | |
| Nominal voltage U _N | 300 V | 300 V | |

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