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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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## PCB terminal block - SPTD 1,5/ 7-H-3,5 - 1841542

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PCB terminal block, Nominal current: 10 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 7, Connection method: Push-in spring connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-position version of the product



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 25 pc    |
| Weight per Piece (excluding packing) | 16.8 g   |
| Custom tariff number                 | 85369010 |
| Country of origin                    | China    |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 18 mm        |
| Pitch                    | 3.5 mm       |
| Dimension a              | 21 mm        |
| Height                   | 24.2 mm      |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0,6 x 1,0 mm |
| Pin spacing              | 9.35 mm      |
| Hole diameter            | 1.3 mm       |

#### General

|                             |          |
|-----------------------------|----------|
| Range of articles           | SPTD 1,5 |
| Insulating material group   | I        |
| Rated surge voltage (III/3) | 2.5 kV   |
| Rated surge voltage (III/2) | 2.5 kV   |

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### Technical data

#### General

|   |                     |
|---|---------------------|
| Rated surge voltage (II/2)              | 2.5 kV              |
| Rated voltage (III/3)                   | 160 V               |
| Rated voltage (III/2)                   | 200 V               |
| Rated voltage (II/2)                    | 400 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current I <sub>N</sub>          | 10 A                |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 10 A                |
| Insulating material                     | PA                  |
| Solder pin surface                      | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 8 mm                |
| Number of positions                     | 7                   |

#### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 0.14 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.   | 26                   |
| Conductor cross section AWG max.   | 16                   |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 8.0 | 27440401 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

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## Approvals

Approvals

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Approvals

cULus Recognized

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Ex Approvals

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Approvals submitted

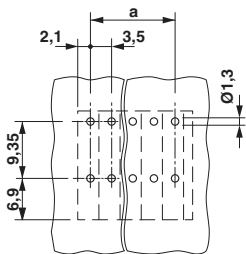
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## Approval details

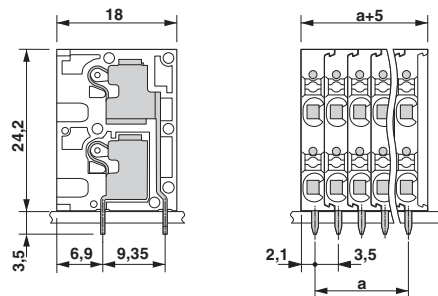
|                                |       |
|--------------------------------|-------|
| cULus Recognized               |       |
|                                | B     |
| mm <sup>2</sup> /AWG/kcmil     | 26-14 |
| Nominal current I <sub>N</sub> | 10 A  |
| Nominal voltage U <sub>N</sub> | 150 V |

## Drawings

Drilling diagram

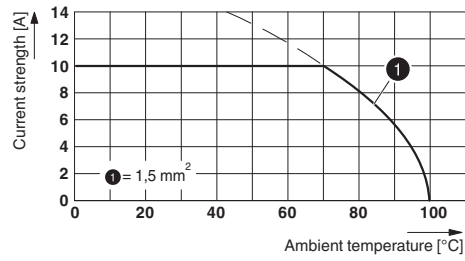


Dimensional drawing



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Diagram



Type: SPTD 1,5/...-H-3,5

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