



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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## Panel feed-through - ST-8EP1N8ACK02S - 1618818

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Panel feed-through, straight, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm, Cable diameter: 3.5 mm...5.5 mm

The illustration shows the 8-position version.

### Why buy this product

- ✓ Reduced size: ideal for compact devices
- ✓ Consistent EMC protection for reliable connection solutions in the industrial environment
- ✓ Crimping connection: vibration- and temperature-resistant assembly
- ✓ Flexible use: reliably connect various cable diameters
- ✓ User-specific, suitable for front and rear mounting



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 STK                                                                                                   |
| GTIN         | <br>4 046356 817462 |
| GTIN         | 4046356817462                                                                                           |

### Technical data

#### General

|                                                    |                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------|
| Note                                               | Order information: Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately |
| Type of locking                                    | SPEEDCON locking                                                          |
| Direction of rotation of contact chamber numbering | Standard                                                                  |
| Coding                                             | N                                                                         |
| Contact connection method                          | Crimp connection                                                          |
| Type of contacts                                   | Pin                                                                       |
| Number of positions                                | 9                                                                         |
| Contact diameter of power contacts                 | 1 mm                                                                      |
| Nominal current per power contact at 25°C          | 14 A                                                                      |

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## Technical data

### General

|                                            |                   |
|--------------------------------------------|-------------------|
| Contact diameter of signal contacts        | 0.6 mm            |
| Nominal current per signal contact at 25°C | 3.6 A             |
| Conductor entry                            | 3.5 mm ... 5.5 mm |
| Pg housing screw connection                | none              |
| Mounting type                              | 4x Ø 3.2          |

### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -40 °C ... 125 °C |
| Degree of protection | IP67              |

### Specifications according to DIN EN 61984:2001

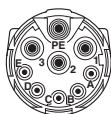
|                                                |        |
|------------------------------------------------|--------|
| Nominal / operating voltage of power contacts  | 630 V  |
| Rated surge voltage of power contacts          | 6 kV   |
| Overvoltage category of power contacts         | III    |
| Degree of pollution of power contacts          | 3      |
| Nominal / operating voltage of signal contacts | 60 V   |
| Rated surge voltage of signal contacts         | 1.5 kV |
| Overvoltage category of signal contacts        | III    |
| Degree of pollution of signal contacts         | 3      |

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

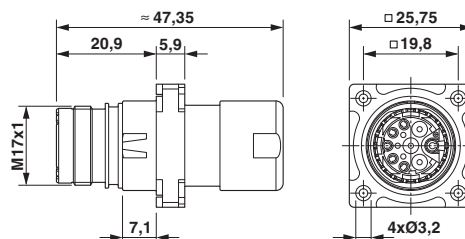
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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### Approvals

Ex Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
|                    |                                                                                   |                                                                                                                                                       |               |
| mm²/AWG/kcmil      |                                                                                   | 0.5                                                                                                                                                   |               |
| Nominal current IN |                                                                                   | 3.5 A                                                                                                                                                 |               |
| Nominal voltage UN |                                                                                   | 600 V                                                                                                                                                 |               |

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335019 |
|                    |                                                                                   |                                                                                                                                                       |               |
| mm²/AWG/kcmil      |                                                                                   | 0.5                                                                                                                                                   |               |
| Nominal current IN |                                                                                   | 3.5 A                                                                                                                                                 |               |
| Nominal voltage UN |                                                                                   | 600 V                                                                                                                                                 |               |

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

|                  |                                                                                     |                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

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