

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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Relay socket PR1..., for miniature power relay or miniature switching relay with 1 or 2 PDT or solid-state relay of same construction, 2/2 level design, screw connections, connection facility for input/interference suppression modules

#### **Product Features**

- Relay base family that can be fitted with 1 PDT or 2 PDT relays or solid-state relays
- Relay retaining bracket with labeling field and ejection function
- Plug-in input/interference suppression modules





#### **Key Commercial Data**

| Packing unit                         | 1 pc     |
|--------------------------------------|----------|
| Minimum order quantity               | 10 pc    |
| Weight per Piece (excluding packing) | 41.2 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | China    |

#### Technical data

#### **Dimensions**

| Width                        | 16 mm           |
|------------------------------|-----------------|
| Height                       | 75 mm           |
| Depth with retaining bracket | 63 mm (EL1-P16) |

#### Ambient conditions

| Ambient temperature (operation)         | -25 °C 85 °C |
|---|--------------|
| Ambient temperature (storage/transport) | -25 °C 85 °C |

#### Connection data, input side

| Connection name | Input side |
|-----------------|------------|



### Technical data

#### Connection data, input side

| Connection method                | Screw connection   |
|----------------------------------|--|
| Stripping length                 | 8 mm   |
| Screw thread                     | M3   |
| Conductor cross section solid    | 0.2 mm² 2.5 mm²  |
|                                  | 0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup> (2 conductors with the same cross-section) |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>  |
|                                  | 0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup> (2 conductors with the same cross-section) |
| AWG conductor cross section      | 26 14  |
|                                  | 26 14 (2 conductors with the same cross-section)                                   |

#### Connection data, output side

| Connection name                  | Output side  |
|----------------------------------|--|
| Connection method                | Screw connection   |
| Stripping length                 | 8 mm   |
| Screw thread                     | M3   |
| Conductor cross section solid    | 0.2 mm² 2.5 mm²  |
|                                  | 0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup> (2 conductors with the same cross-section) |
| Conductor cross section flexible | 0.2 mm² 2.5 mm²  |
|                                  | 0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup> (2 conductors with the same cross-section) |
| AWG conductor cross section      | 26 14  |
|                                  | 26 14 (2 conductors with the same cross-section)                                   |

#### General

| Nominal voltage U <sub>N</sub> | 300 V AC/DC |
|--------------------------------|-------------|
| Nominal current I <sub>N</sub> | 12 A        |
| Color                          | green       |

### Classifications

### eCl@ss

| eCl@ss 4.0 | 27371102 |
|------------|----------|
|            |          |
| eCl@ss 4.1 | 27371102 |
| eCl@ss 5.0 | 27371603 |
| eCl@ss 5.1 | 27371603 |
| eCl@ss 6.0 | 27371603 |
| eCl@ss 7.0 | 27371603 |
| eCl@ss 8.0 | 27371603 |



### Classifications

#### **ETIM**

| ETIM 2.0 | EC001456 |
|----------|----------|
| ETIM 3.0 | EC001456 |
| ETIM 4.0 | EC001456 |
| ETIM 5.0 | EC001456 |

#### **UNSPSC**

| UNSPSC 6.01   | 30211917 |
|---------------|----------|
| UNSPSC 7.0901 | 39121516 |
| UNSPSC 11     | 39121516 |
| UNSPSC 12.01  | 39121516 |
| UNSPSC 13.2   | 39121516 |

### Approvals

| Α | р | pr | O | ٧ | а | ls |
|---|---|----|---|---|---|----|
|   |   |    |   |   |   |    |

Approvals

UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

#### Approval details

UL Recognized **9** 

cUL Recognized





## Approvals

| EAC                    |  |
|------------------------|--|
|                        |  |
|                        |  |
| cULus Recognized c Sus |  |

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