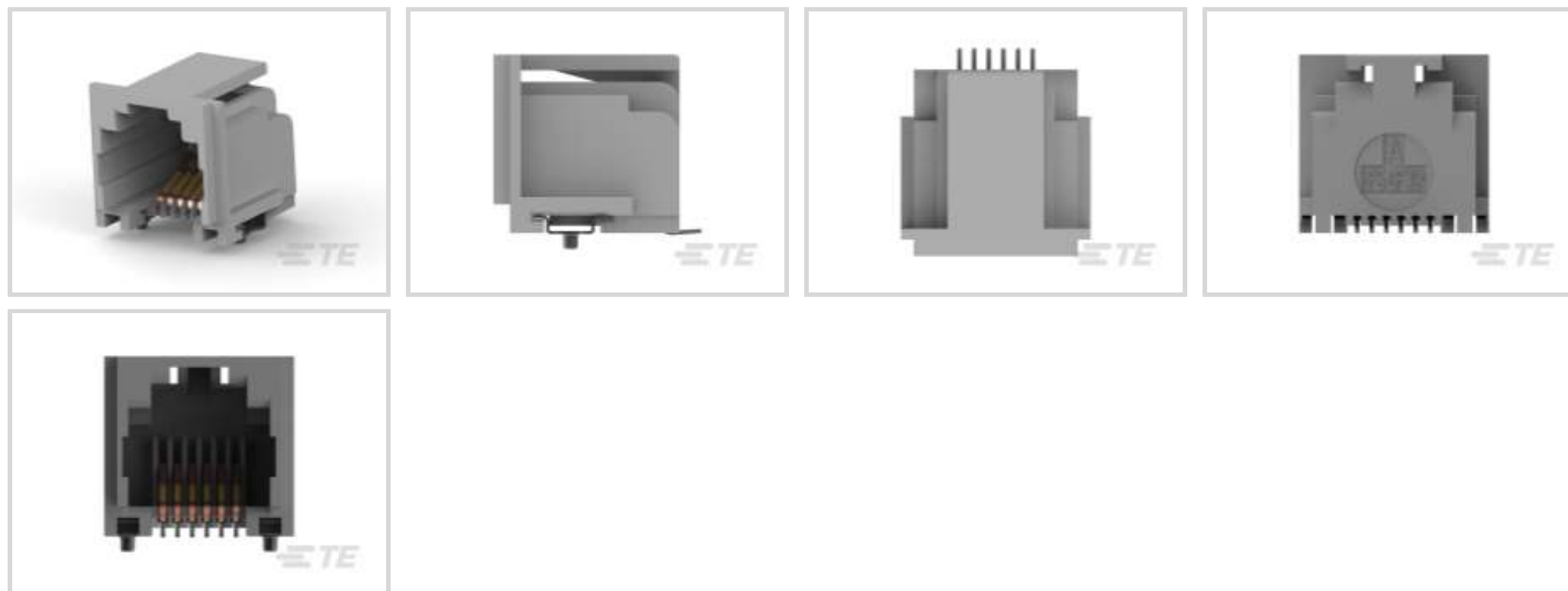




Connectors > Modular Jacks & Plugs > RJ25 Connectors



Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Low**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Grounding Options                 | None                  |
| Connector Product Type            | Connector Assembly    |
| Modular Jacks & Plugs Products    | RJ Type Jacks & Plugs |
| Modular Connector Style           | Jack                  |
| Connector System                  | Cable-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                            |             |
|----------------------------|-------------|
| Port Configuration         | Single Port |
| Port Matrix Configuration  | 1 x 1       |
| Connector Contact Density  | Standard    |
| PCB Mount Orientation      | Right Angle |
| Number of Positions        | 6           |
| Number of Loaded Positions | 6           |

### Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                |                     |
|--------------------------------|---------------------|
| Connector Profile              | Low                 |
| Modular Jack Latch Orientation | Inverted - Latch Up |

### Contact Features

|   |              |
|---|--------------|
| Contact Underplating Material                 | Nickel       |
| Contact Base Material                         | Copper Alloy |
| Contact Mating Area Plating Material          | Gold         |
| Contact Current Rating (Max)                  | 1.5 A        |
| PCB Contact Termination Area Plating Material | Tin          |

### Termination Features

|   |               |
|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Mating Alignment        | Without     |
| Connector Mounting Type | Board Mount |
| Panel Mount Feature     | With        |

### Housing Features

|                       |                                |
|-----------------------|--------------------------------|
| Mating Entry Location | Side                           |
| Housing Color         | Gray                           |
| Housing Material      | High Temperature Thermoplastic |
| Centerline (Pitch)    | 1.02 mm[.04 in]                |

### Dimensions

|                             |                  |
|-----------------------------|------------------|
| Connector Height            | 12.95 mm[.51 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in]  |

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
|-----------------------------|---------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

### Industry Standards

|                        |          |
|------------------------|----------|
| Performance Category   | Cat 3    |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

|  |  |
|--|--|
|  |  |
|--|--|



|                    |                      |
|--------------------|----------------------|
| Packaging Method   | Tape Mounted on Reel |
| Packaging Quantity | 200                  |

**Other**

|                               |                   |
|-------------------------------|-------------------|
| Modular Jacks & Plugs Comment | Inward boardlocks |
|-------------------------------|-------------------|

**Product Compliance**

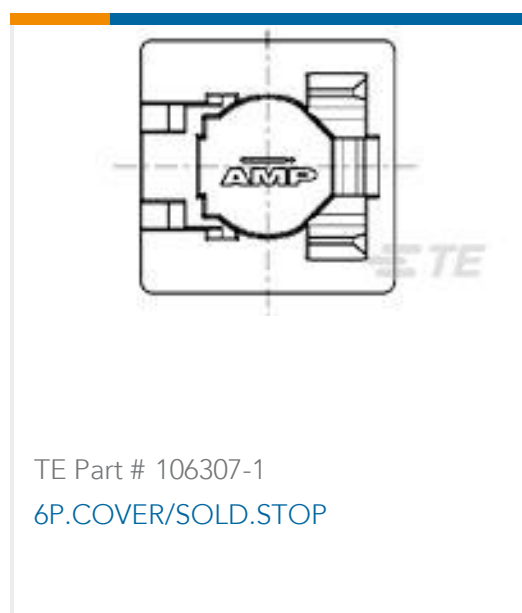
[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Reflow solder capable to 245°C   |

**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

**Compatible Parts**



**Customers Also Bought**



## Documents

### Product Drawings

[MJ,RJ11,SMT,6/6,GRAY,13" REEL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5406514-2\\_C.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5406514-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5406514-2\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_5406514-2\\_12122015023\\_dmtec](#)



English

[MD\\_5406514-2\\_12122015023\\_dmtec](#)

English