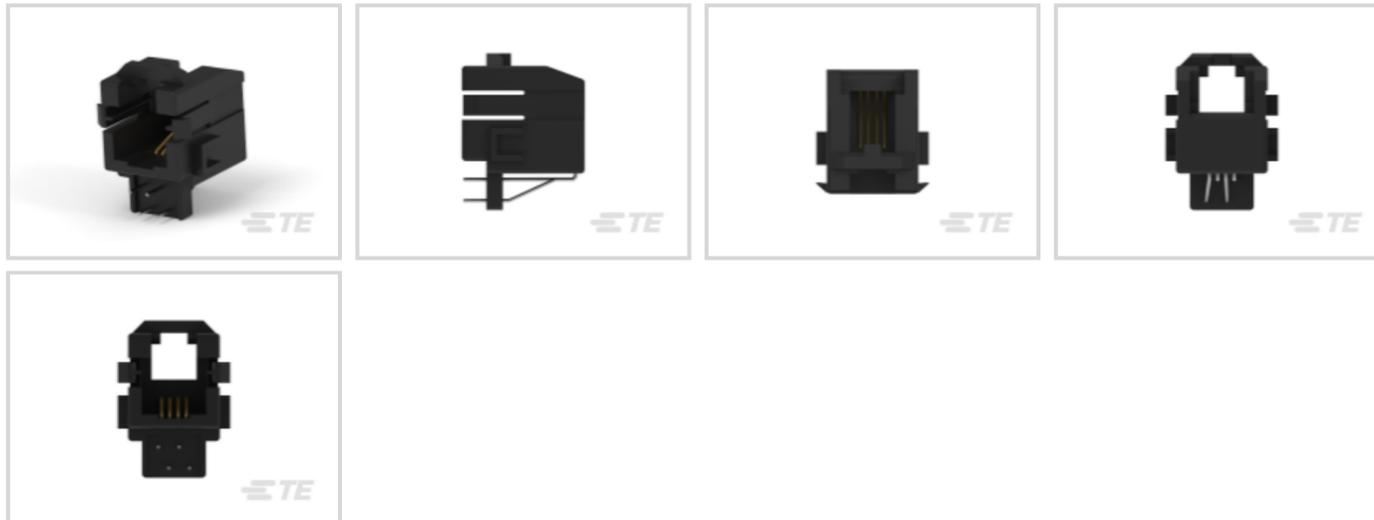




Connectors > Modular Jacks & Plugs > RJ22 Connectors



Connector Profile: **Standard**

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

Connector Contact Density: **Standard**

Modular Connector Style: **Jack**

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| 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 Matrix Configuration  | 1 x 1       |
| Port Configuration         | Single Port |
| Connector Contact Density  | Standard    |
| PCB Mount Orientation      | Vertical    |
| Number of Positions        | 4           |
| Number of Loaded Positions | 4           |

### Body Features

|                                |                       |
|--------------------------------|-----------------------|
| Modular Jack Latch Orientation | Standard - Latch Down |
| Connector Profile              | Standard              |

### Contact Features

|   |                                  |
|---|----------------------------------|
| Contact Underplating Material                 | Nickel                           |
| Contact Base Material                         | Phosphor Bronze                  |
| Contact Mating Area Plating Material          | Gold Flash over Palladium Nickel |
| Contact Current Rating (Max)                  | 1.5 A                            |
| PCB Contact Termination Area Plating Material | Tin-Lead                         |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Panel Mount Feature     | Without     |
| Connector Mounting Type | Board Mount |

### Housing Features

|                       |                        |
|-----------------------|------------------------|
| Housing Color         | Black                  |
| Mating Entry Location | Bottom                 |
| Housing Material      | High Temperature Nylon |
| Centerline (Pitch)    | 1.02 mm[.04 in]        |

### Dimensions

|                             |                 |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Connector Height            | 12 mm[.472 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 94HB |

### Packaging Features

|                    |                            |
|--------------------|----------------------------|
| Packaging Method   | Reel, Tape Mounted on Reel |
| Packaging Quantity | 800                        |

### Product Compliance

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

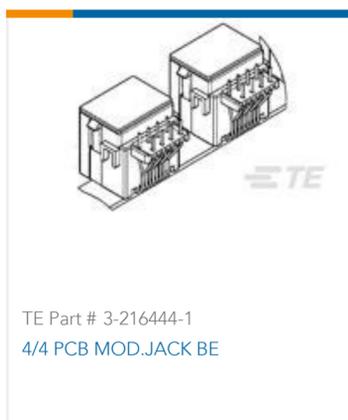


|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Wave solder capable to 265°C   |

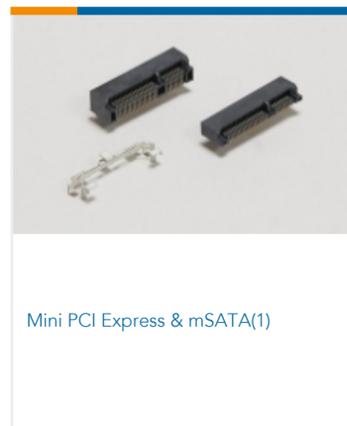
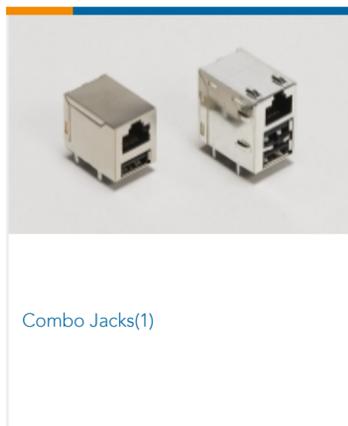
Product Compliance Disclaimer

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



## Also in the Series | OEG Miniature Relay PCF





RF Connectors(1)



RJ14 Connectors(2)



RJ22 Connectors(2)



RJ25 Connectors(8)



RJ45 Connectors(70)



Wire-to-Board Connector Contacts(1)

## Documents

### Product Drawings

#### 4/4 PCB MOD.JACK BE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_216444-1\\_K.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_216444-1\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_216444-1\\_K.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

#### 1-1773464-9\_MODULAR\_JACKS\_SINGLE\_PORT\_PCB\_MOUNT

English

### Product Environmental Compliance

#### TE Material Declaration

English

