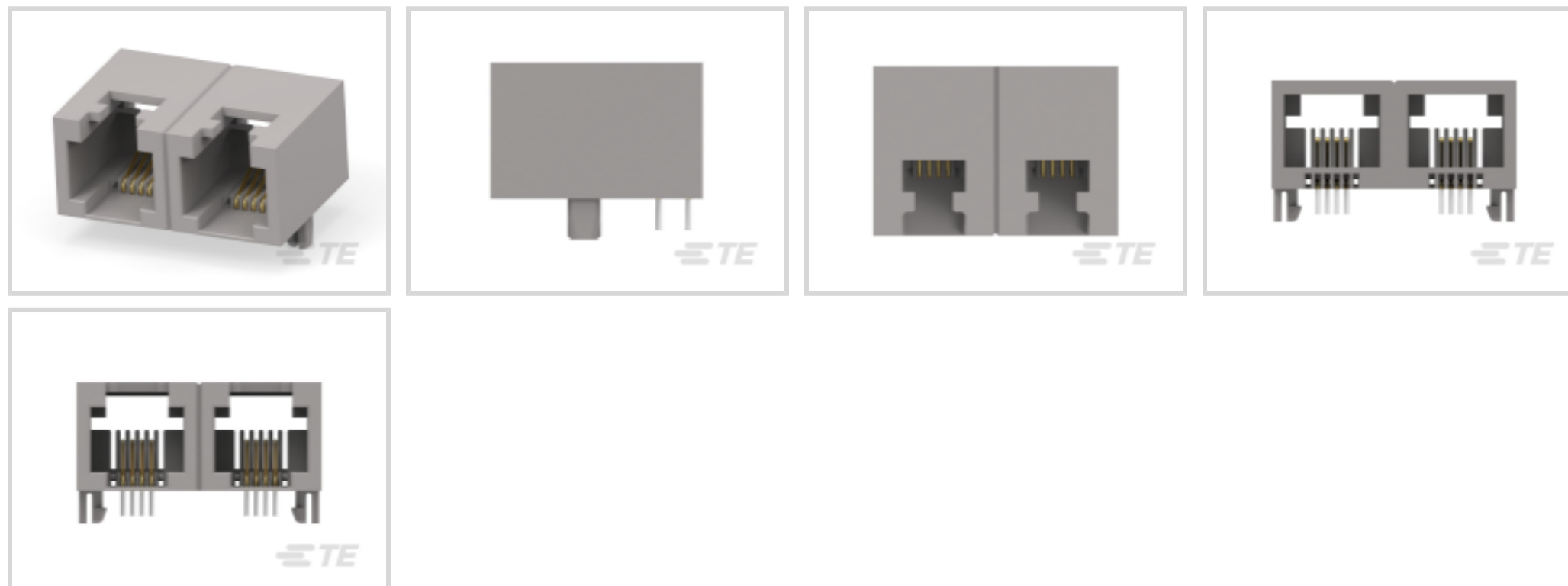




Connectors > Modular Jacks & Plugs > RJ11 Connectors



Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Standard**

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

Connector Contact Density: **Standard**

## Features

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack

### Configuration Features

PCB Mount Orientation	Right Angle
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	6
Number of Loaded Positions	4

### Signal Characteristics

Data Rate	.01 Gb/s
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### Body Features

Connector Profile	Standard
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Modular Jack Latch Orientation

Inverted - Latch Up

### Contact Features

Contact Underplating Material

Nickel

Contact Base Material

Phosphor Bronze

Contact Mating Area Plating Material

Gold (Au)

Contact Mating Area Plating Material Thickness

.762  $\mu\text{m}$ [30  $\mu\text{in}$ ]

PCB Contact Termination Area Plating Material

Gold

Contact Current Rating (Max)

1.5 A

### Termination Features

Termination Method to PCB

Through Hole - Solder

### Mechanical Attachment

Connector Mounting Type

Panel Mount &amp; Board Mount

Panel Mount Feature Type

Mounting Hole

Panel Mount Feature

With

### Housing Features

Centerline (Pitch)

1.02 mm[.04 in]

Mating Entry Location

Side

Housing Color

Gray

Housing Material

Polybutylene Terephthalate (PBT)

### Dimensions

PCB Thickness (Recommended)

2 mm[.079 in]

Connector Height

11.6 mm[.457 in]

### Usage Conditions

Operating Temperature Range

-45 – 85  $^{\circ}\text{C}$ [-40 – 185  $^{\circ}\text{F}$ ]

### Operation/Application

Circuit Application

Signal

Shielded

No

### Industry Standards

UL Flammability Rating

UL 94V-0

Performance Category

Cat 3

### Packaging Features



Packaging Method	Box & Tray
Packaging Quantity	2400

### 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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

#### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts





## Documents

### Product Drawings

[RJ11 W/O MAG 1X2 W/O LED UNSHILD PLT T6](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2497282-2\\_1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2497282-2\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2497282-2\\_1.3d\\_igs.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English