

5406566-2  ACTIVE

TE Internal #: 5406566-2

RJ45 Connector, Multiple Ports, 1 x 2, Standard Connector Contact

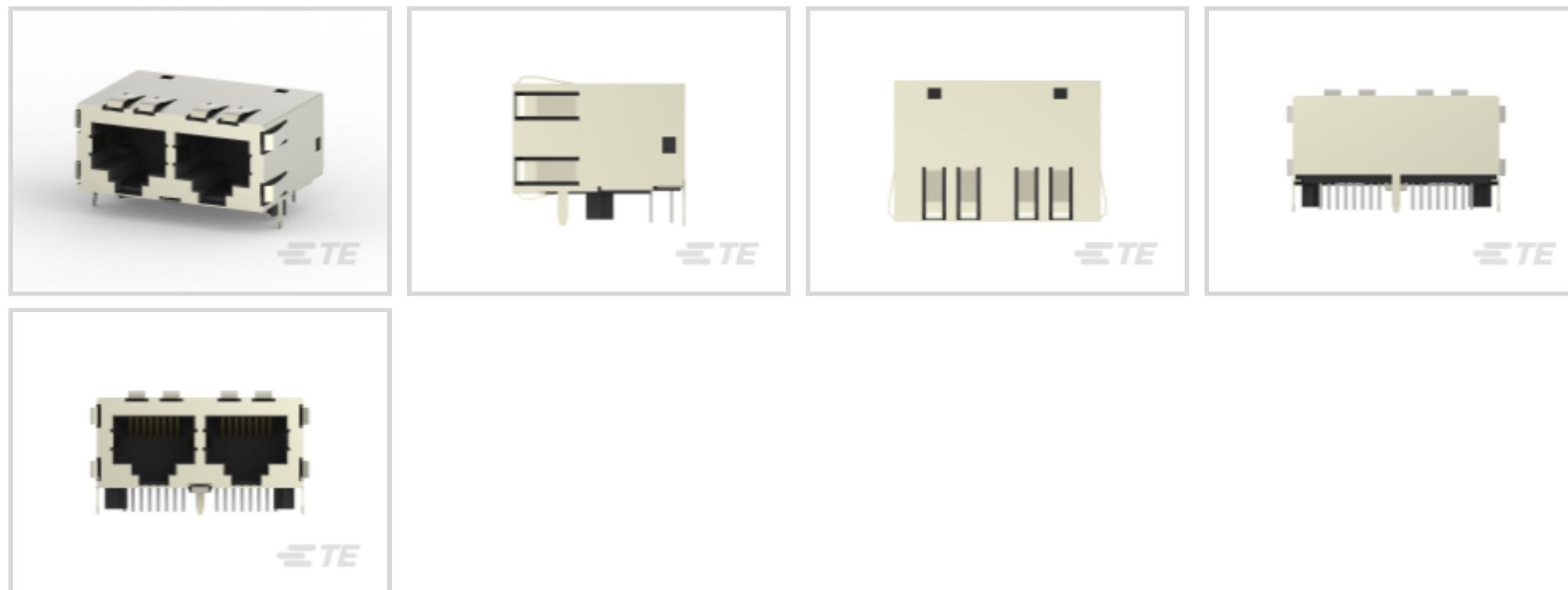
Density, Jack, Shielded, Cat 5, Standard - Latch Down, 8 Position,

Standard Profile

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Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 2**

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

Connector Contact Density: **Standard**

## Features

### Product Type Features

Connector Product Type	Connector Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of PCB Ground Tabs	3
Number of Panel Ground Tabs	9
Multiple Port Configuration	Ganged
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 2
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

## PCB Mount Orientation

Right Angle

**Body Features**

PCB Ground Tab Location 4.57 mm[.18 in]

Shield Plating Material Tin over Copper

Shield Material Copper Zinc Alloy

Modular Jack Latch Orientation Standard - Latch Down

Connector Profile Standard

**Contact Features**

Contact Underplating Material Nickel

PCB Contact Termination Area Plating Material Tin

Contact Current Rating (Max) .2 A, 1.5 A

Contact Mating Area Plating Material Gold

Contact Base Material Phosphor Bronze

Contact Mating Area Plating Material Thickness 1.27 µm[50 µin]

**Termination Features**

Termination Method to Printed Circuit Board Through Hole - Solder

Termination Post &amp; Tail Length 3.56 mm[.14 in]

**Mechanical Attachment**

Panel Mount Feature Without

Connector Mounting Type Panel Mount

**Housing Features**

Mating Entry Location Side

Centerline (Pitch) 1.02 mm[.04 in]

Housing Color Black

Housing Material Nylon

**Dimensions**

Connector Height 13.64 mm[.537 in]

**Usage Conditions**

Operating Temperature Range -40 - 85 °C[-40 - 185 °F]

**Operation/Application**

Indicator Type Not Illuminated

Shielded	Yes
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

### Packaging Features

Packaging Quantity	225
Packaging Method	Box, Box & Tray

### Product Compliance

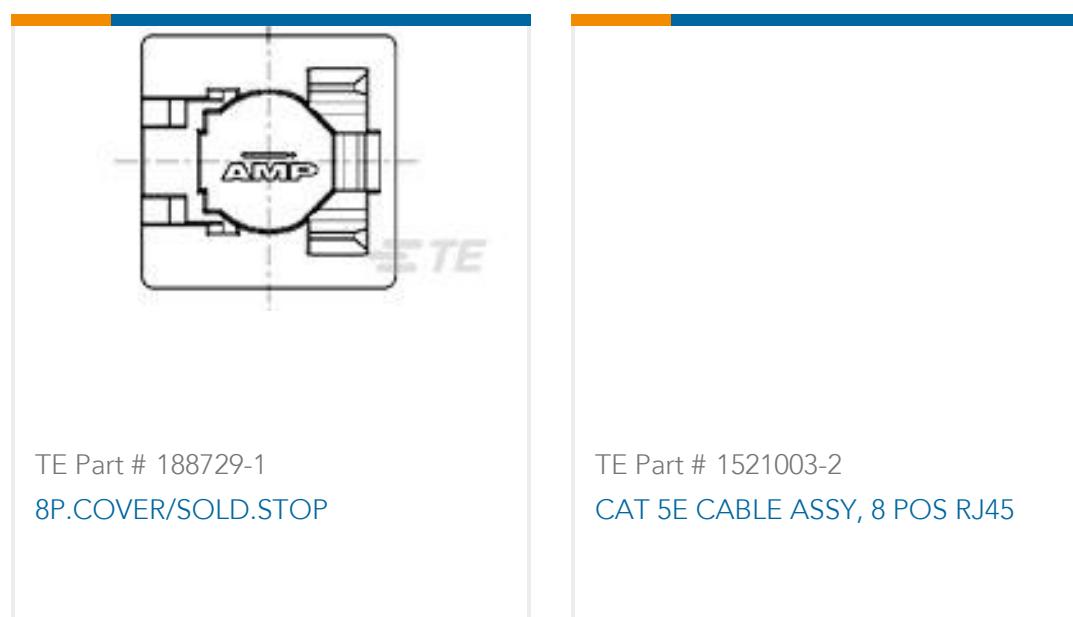
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



## Customers Also Bought



## Documents

### Product Drawings

[MJ,2PORT,8P,SHLD,PNL GRDS,CAT5](#)

English

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5406566-2\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5406566-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5406566-2\\_B.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English