

1705950-2

DO NOT USE FOR NEW DESIGN

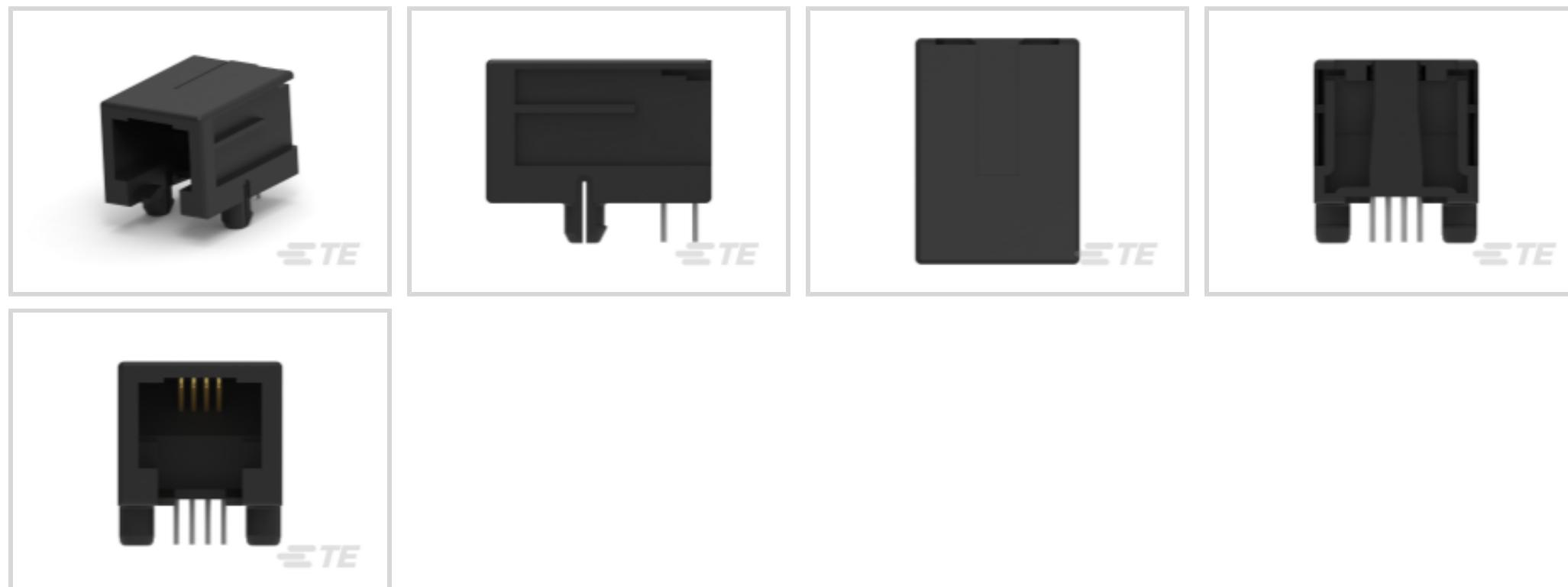
Alcoswitch SE

TE Internal #: 1705950-2

RJ14 Connectors, Single Port, 1 x 1, Standard Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Alcoswitch SE

[View on TE.com >](#)

Connectors > Modular Jacks & Plugs > RJ14 Connectors

Port Configuration: **Single Port**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 System | Cable-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| Modular Jacks & Plugs Products | RJ Type Jacks & Plugs |
| Modular Connector Style | Jack |

Configuration Features

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

Body Features

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

Contact Features

| | |
|--|-------------------|
| Contact Mating Area Plating Material Thickness | .15 μm |
| Contact Underplating Material | Nickel |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Gold |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Current Rating (Max) | 1.5 A |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Termination Post & Tail Length | 3.1 mm[.122 in] |

Mechanical Attachment

| | |
|--------------------------|-------------|
| Panel Mount Feature Type | Panel Stops |
| Panel Mount Feature | With |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|-----------------------|-----------------|
| Centerline (Pitch) | 1.02 mm[.04 in] |
| Mating Entry Location | Side |
| Housing Color | Black |
| Housing Material | PBT |

Dimensions

| | |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| Connector Height | 11.5 mm[.453 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|------------------|-------------------|
| Packaging Method | Reel, Tape & 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: 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 |

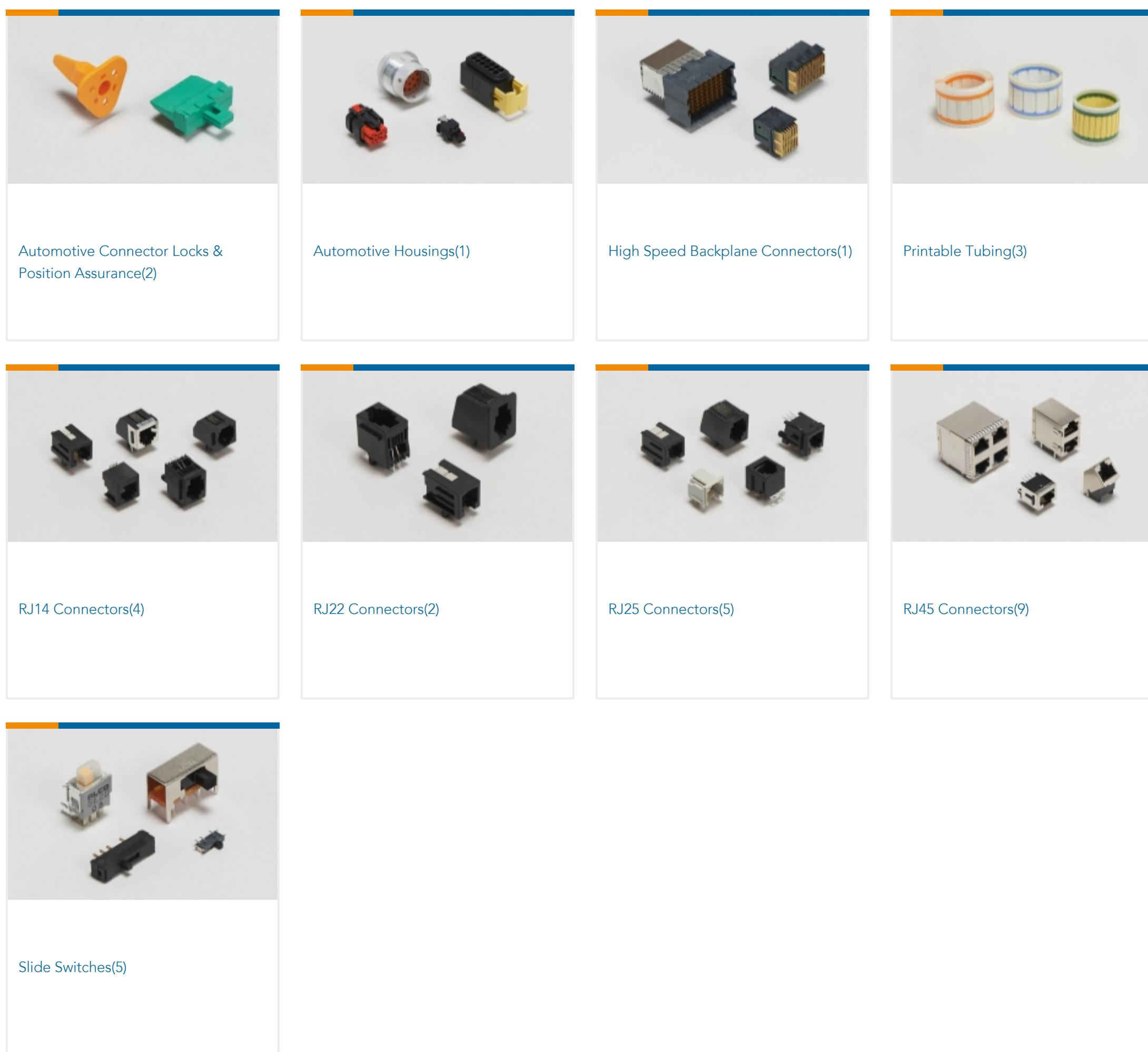
Product Compliance Disclaimer

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

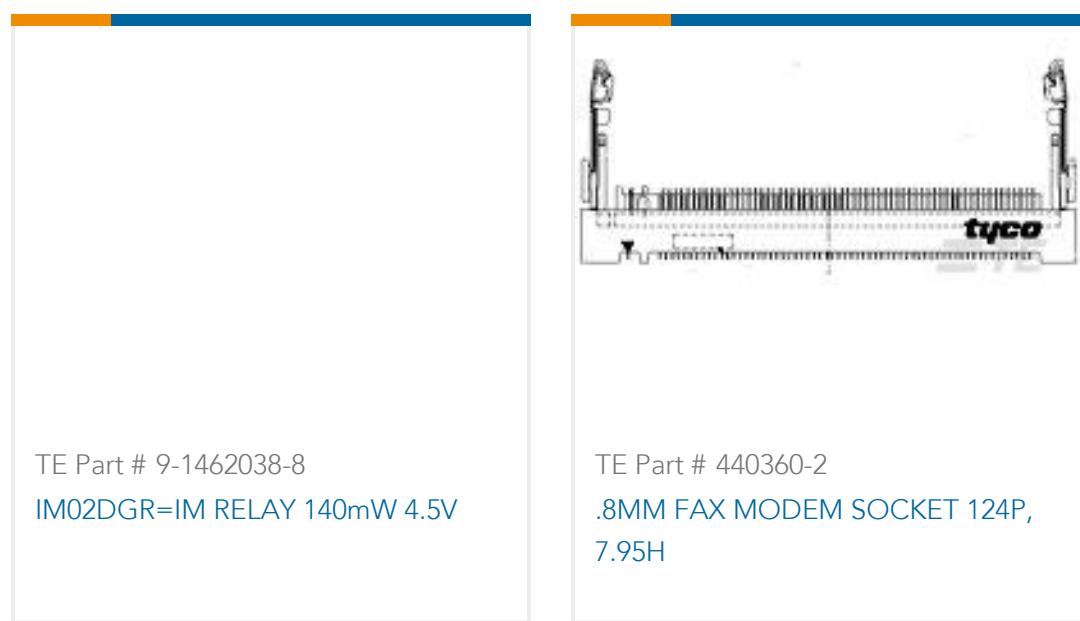


Also in the Series | [Alcoswitch SE](#)



Customers Also Bought





Documents

Product Drawings

Modular Jack SE, 6/4, Gold flash

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1705950-2_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1705950-2_C.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1705950-2_C.3d_stp.zip](#)

English

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

Product Specifications

side entry, bottom entry, top entry and toolless modular jack

English

Product Specification

English