# 1705950-1 ✔ ACTIVE

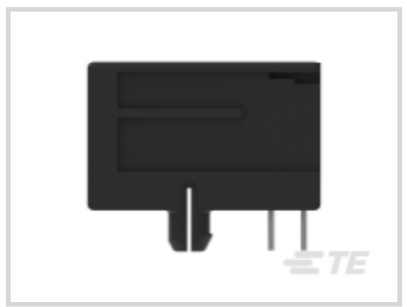
ALCOSWITCH SE

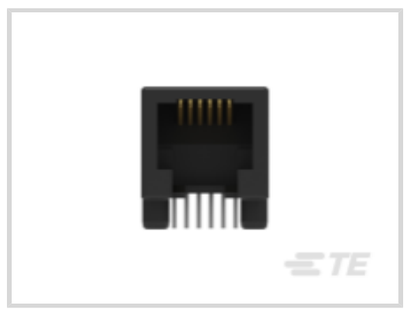
TE Internal #: 1705950-1

Single Port, 1 x 1, Standard Profile, RJ Type Jacks & Plugs, Jack, Standard - Latch Down, Right Angle, Cat 3, ALCOSWITCH SE, RJ25 Connectors

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ25 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

| | |
|---|---|
| Grounding Options | None |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |
| Connector System | Cable-to-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 | 6 |

### Body Features

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

## 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 |

## Termination Features

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

## Mechanical Attachment

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

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Height | 11.5 mm[.453 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 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 | Piece/Reel, Tape Mounted |
| Packaging Quantity | 800 |

## Product Compliance

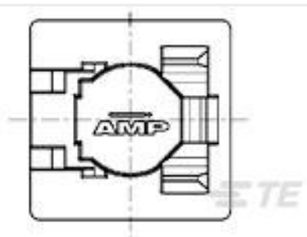
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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

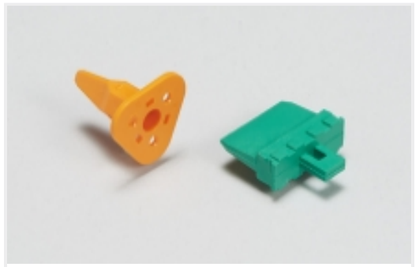
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

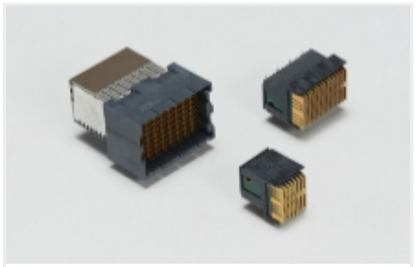



TE Part # 106307-1
6P.COVER/SOLD.STOP

## Also in the Series | ALCOSWITCH SE



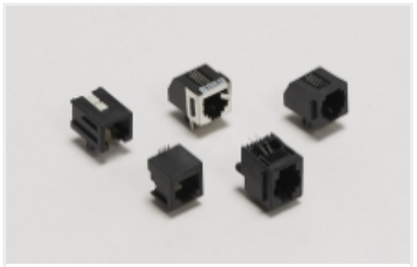
Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



Printable Tubing(3)



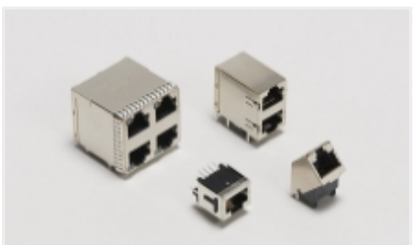
RJ14 Connectors(3)



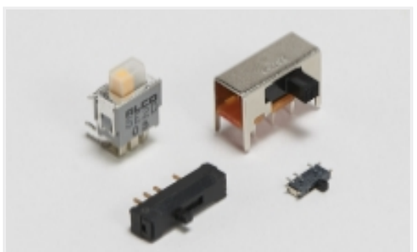
RJ22 Connectors(3)



RJ25 Connectors(5)



RJ45 Connectors(8)

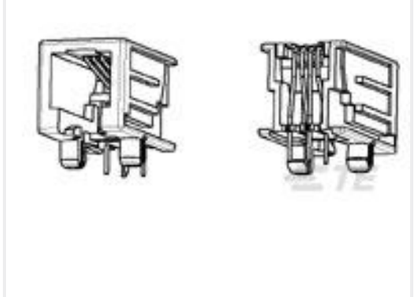


Slide Switches(5)

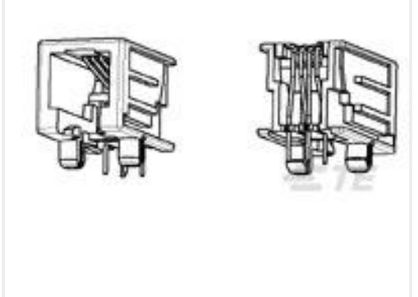
## Customers Also Bought



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #1-1705949-1
Modular Jack SE, 4/4, Gold flash



TE Part #1-1705950-1
Modular Jack SE, 6/6, Gold flash



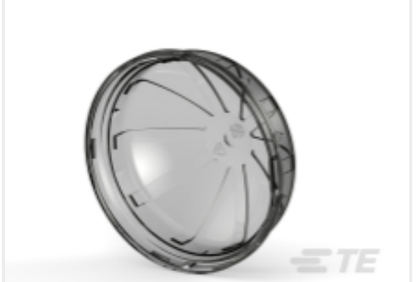
TE Part #1-1734775-1
Std USB Type A, Flag, T/H, 1.8A




TE Part #1-2176186-7
CRGH1206 1% 2K7 0.5W



TE Part #2213831-2
BASE ASSY, 80MM, VENTED, SEALED



TE Part #2328823-1
LUMAWISE S 80MM DIA DOME SMOKE GRAY LOW



TE Part #5747844-2
09 MSFL RCPT RA 318 (FM,BL)

## Documents

### Product Drawings

Modular Jack SE, 6/6, Gold flash

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1705950-1_C.2d_dxf.zip

English

3D PDF

## 3D

### Customer View Model

ENG_CVM_CVM_1705950-1_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1705950-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Crimping Drawer Connector Contacts

English

### Application Specification

English

## Agency Approvals

### CSA Certificate

English