

1705950-1 ✓ ACTIVE

## Alcoswitch SE

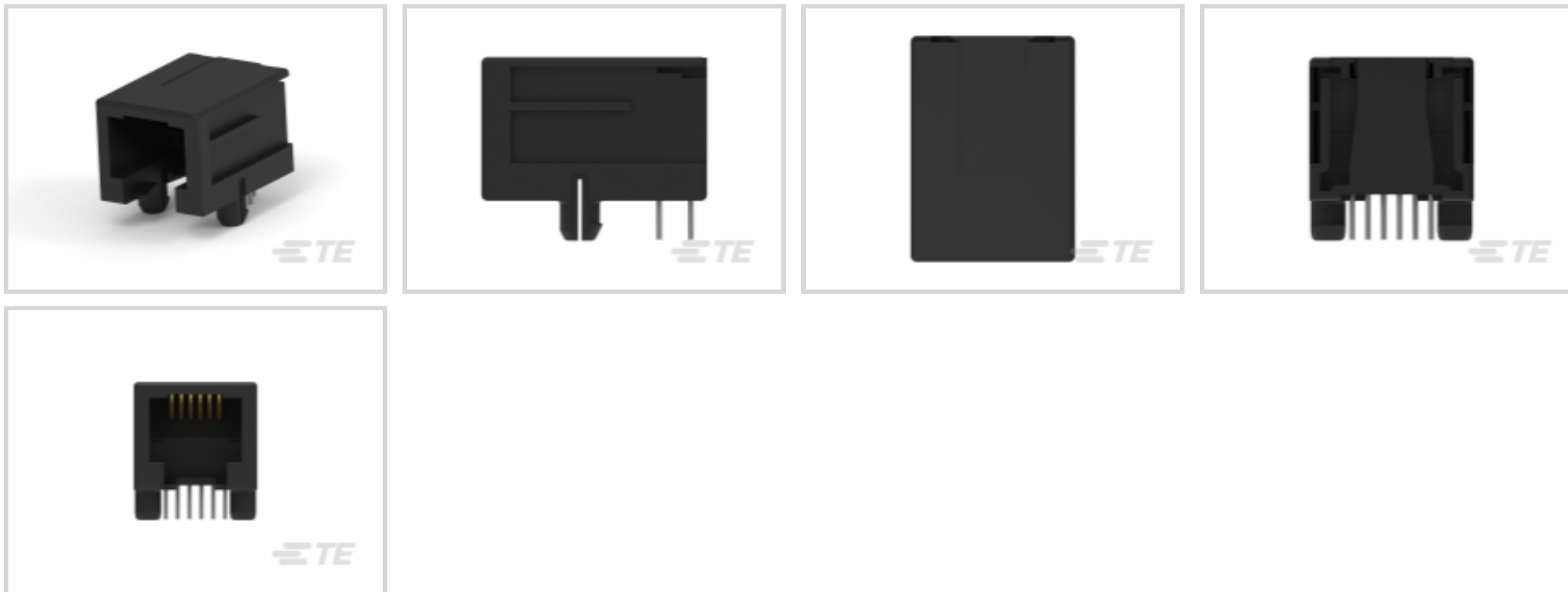
TE Internal #: 1705950-1

RJ25 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 > 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 Product Type	Connector Assembly
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	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 Printed Circuit Board	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

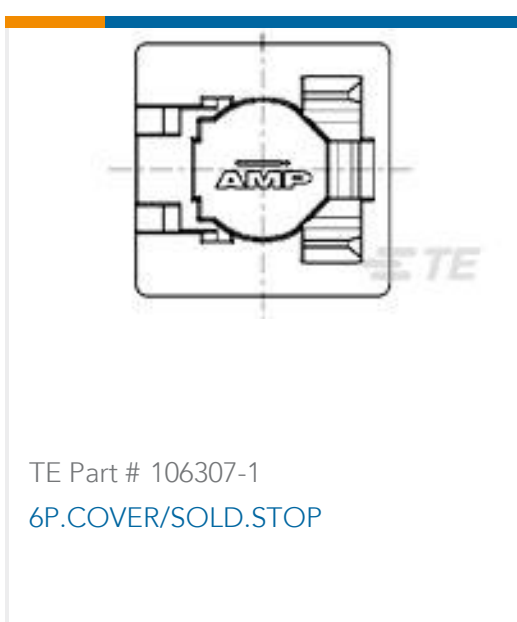
[For compliance documentation, visit the product page on TE.com>](#)

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 2024 (241) 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

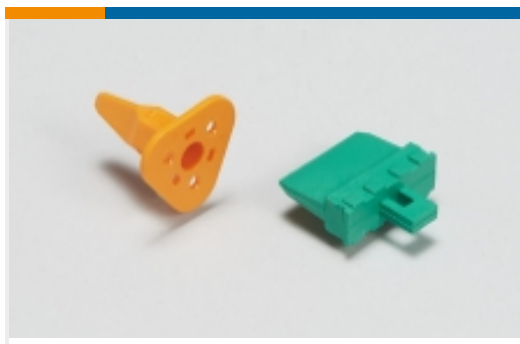
#### Product Compliance Disclaimer

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>

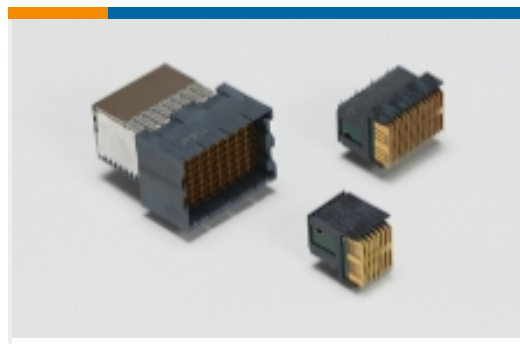
### Compatible Parts



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



Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



Printable Tubing(3)



RJ14 Connectors(4)



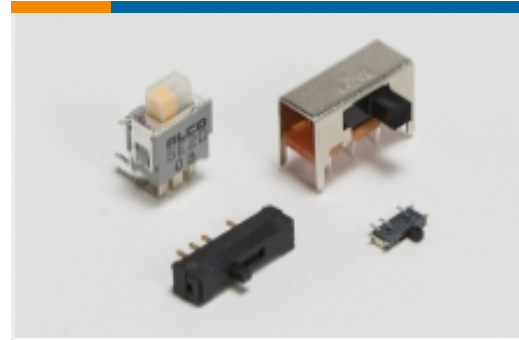
RJ22 Connectors(2)



RJ25 Connectors(5)



RJ45 Connectors(9)



Slide Switches(5)

## Customers Also Bought



TE Part #5-103672-5  
06 MTE HDR SRRA LATCH W/HLDWN



TE Part #1871058-1  
PCI EXPRESS CONN. EON TYPE, 36P, L=2.0



TE Part #4-1879023-4  
3650 1008 4.7uH 5% 2K RL



TE Part #1-2227303-2  
CAGE ASSEMBLY, SFP, .071 TAIL



TE Part #1-2176340-7  
CRGCQ 0603 470R 5%



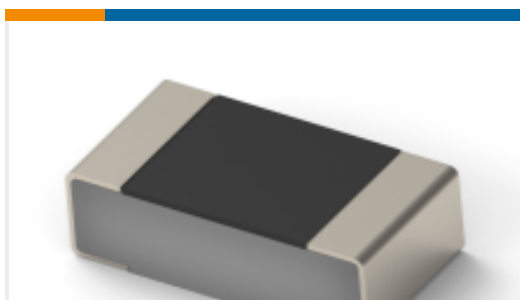
TE Part #5-2176345-7  
CRGCQ 1210 470K 1%



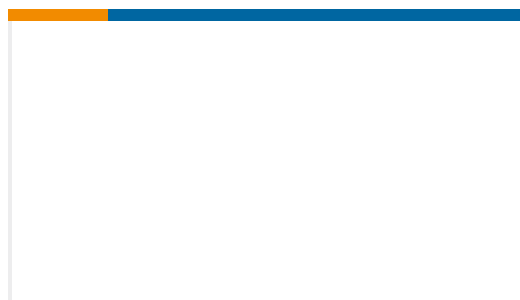
TE Part #3-2176092-1  
RP 2A 0.25W 1K43 0.1% 25PPM 1K RL



TE Part #L9000271-01  
SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part #5-1879808-7  
RP 1J 0.1W 453K 0.1% 15PPM 1K RL



TE Part #5-885000-1  
9P D-SUB COVER; #4-40 UNC JACKSCREW

## 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