1705950-2 × OBSOLETE

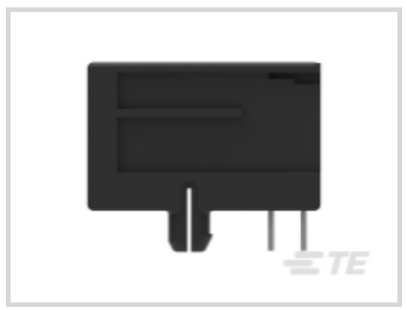
ALCOSWITCH SE

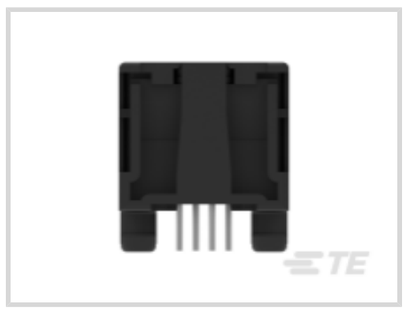
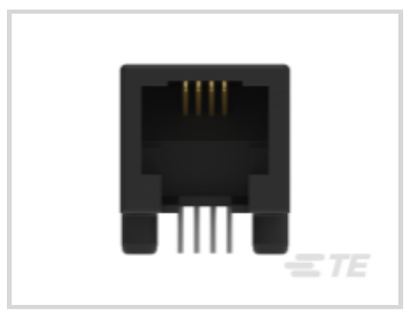
TE Internal #: 1705950-2

TE Internal Description: Modular Jack SE, 6/4, Gold flash

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 & Contact Terminates To	Printed Circuit Board
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	4

Body Features

Connector Profile	Standard
Modular Jack Latch Orientation	Standard - Latch Down

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.15 µm[5.9 µin]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold (Au)
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	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

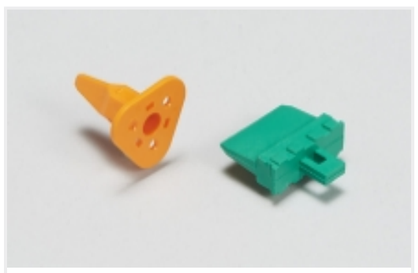
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) 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

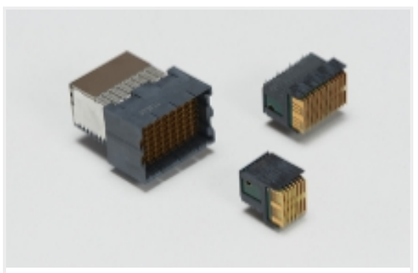
Product Compliance Disclaimer

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

Also in the Series | ALCOSWITCH SE



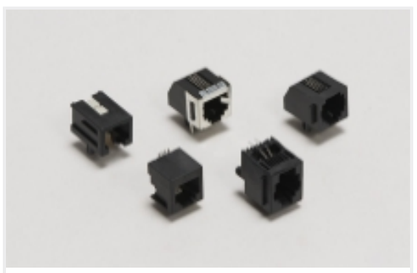
Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



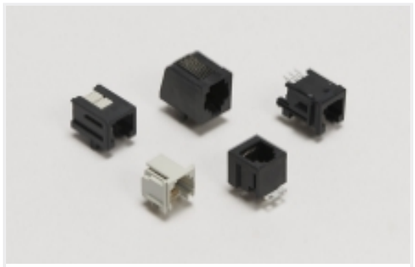
Printable Tubing(3)



RJ14 Connectors(3)



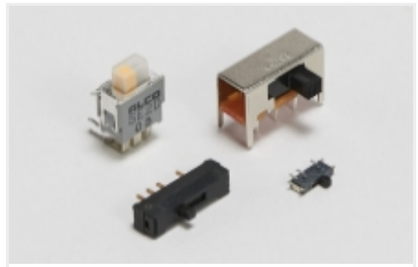
RJ22 Connectors(3)



RJ25 Connectors(5)

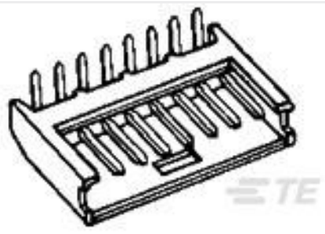


RJ45 Connectors(8)



Slide Switches(5)

Customers Also Bought



TE Part #280377-1
2P AMPMODU II SHRD HDR, RT ANG, TIN



TE Part #350766-1
03P UMNL PLUG HSG



TE Part #1-406541-1
MJ,INV,1X1,6PNL G,.100"ST,SN

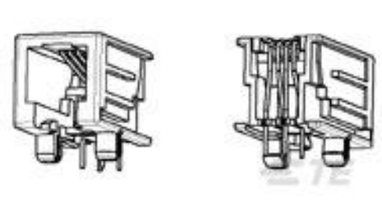
TE Part #9-1462038-8
IM02DGR=IM RELAY 140mW 4.5V



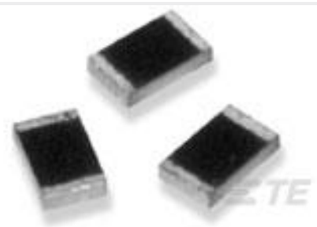
TE Part #1-1462039-9
IM42DGR=IM RELAY 100mW 4.5V BIS



TE Part #2-1676913-7
YR1 0.1% 1M0



TE Part #1-1705950-2
Modular Jack SE, 6/4, Gold flash



TE Part #1879252-8
RP 2B 4R99 0.1% 15PPM 1K RL



TE Part #5569261-1
STK MJ ASSY,8POS,2X3,SHLD,CAT5

Documents

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_igs.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

Agency Approvals

CSA Certificate

English