Alcoswitch SE

TE Internal #: 1705950-2

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

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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 × 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



Termination Method to PCB Termination Post & Tail Length 3.1 mm[.122 in] Mechanical Attachment Panel Mount Feature Type Panel Mount Feature With Connector Mounting Type Board Mount Housing Features Centerline (Pitch) 1.02 mm[.04 in] Mating Entry Location Housing Material PBI Dimensions PCB Thickness (Recommended) 1.6 mm[.063 in] Connector Height 1.1.5 mm].453 in Usage Conditions Operating Temperature Range 40 – 70 °C[-40 – 158 °[] Operation/Application Circuit Application Signal Shielded No Industry Standards Performance Category CL Flammability Rating Use Panel Mount Feature Solder Signal Signal Signal Performance Category Cat 3 UL Flammability Rating Use Panel Stops With With Wash With With Connector House With And Industry Standards UL Flammability Rating UL Flammability Rating Union Solder With With With With And Mount W		
Contact Rase Material Contact Mating Area Plating Material Gold (Au) PCB Contact Termination Area Plating Material Tin Contact Gurrent Rating (Max) 1.5 A Termination Features Termination Method to PCB Through Hole - Solder Termination Peat & 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 Potty Location Side Housing Material PRT Dimensions PCB Thickness (Recommended) 1.6 mm[,063 in] Connector Height 11.5 nm(,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 Ull Flammability Rating Ull 9/V-0 Packaging Method Reel, Tape & Reel	Contact Underplating Material	Nickel
Contact Mating Area Plating Material Cold (Au) PCB Contact Lemination Area Plating Material Contact Current Rating (Max) Termination Features Termination Features Termination Post & Tail Length Mechanical Attachment Panel Mount Feature Type Panel Mount Feature With Connector Mounting Type Board Mount Contecting (Pitch) Mating Entry Location Housing Features Centerline (Pitch) Mating Entry Location Black Housing Material PCB Thickness (Recommended) Connector Height Usage Conditions Operating Temperature Range Operation/Application Circuit Application Signal Shielded No Industry Standards Performance Category UL Hammability Rating Packaging Method Reel, Tape & Reel Reel, Tape & Reel	Contact Mating Area Plating Material Thickness	.15 μm
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Termination Post & Tail Length Mechanical Attachment Panel Mount Feature Type Panel Mount Feature Panel Mount Feature With Connector Mounting Type Board Mount Housing Features Centerline (Pitch) 1.02 mml, 04 in] Mating Entry Location Housing Material PBT Dimensions PCB Thickness (Recommended) Connector Height 11.5 mml, 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 Planmability Rating Packaging Features Packaging Method Reel, Tape & Reel	Termination Features	
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Panel Mount Feature Type Panel Mount Feature With Connector Mounting Type Board Mount Housing Features Centerline (Pitch) Mating Entry Location Side Housing Color Housing Material PBT Dimensions PCB Thickness (Recommended) Connector Height Usage Conditions Operating Temperature Range Operation/Application Circuit Application Shielded Industry Standards Performance Category UL Flammability Rating Packaging Features Vith Vith Vith Vith Connector Height Vith Application Signal No Circuit Application Circuit Application Reel, Tape & Reel	Termination Post & Tail Length	3.1 mm[.122 in]
Panel Mount Feature 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) Connector Height 11.5 mm[.063 in] Usage Conditions Operating Temperature Range 40 – 70 °C[-40 – 158 °F] Operatin/Application Circuit Application Shielded No Industry Standards Performance Category UL Flammability Rating Usage Geel, Tape & Reel Packaging Features Packaging Method Reel, Tape & Reel	Mechanical Attachment	
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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 Plammability Rating UL 94V-0 Packaging Features Packaging Method Reel, Tape & Reel	Panel Mount Feature	With
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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	Housing Features	
Housing Color Housing Material PBT Dimensions PCB Thickness (Recommended) Connector Height Usage Conditions Operating Temperature Range Operation/Application Circuit Application Shielded No Industry Standards Performance Category UL Flammability Rating Packaging Features Packaging Method Reel, Tape & Reel	Centerline (Pitch)	1.02 mm[.04 in]
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	Mating Entry Location	Side
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	Housing Color	Black
PCB Thickness (Recommended) Connector Height Usage Conditions Operating Temperature Range Operation/Application Circuit Application Signal Shielded No Industry Standards Performance Category UL Flammability Rating Packaging Features Packaging Method 1.6 mm[.063 in] 11.5 mm[.453 in] 11.5	Housing Material	PBT
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	Dimensions	
Usage Conditions Operating Temperature Range	PCB Thickness (Recommended)	1.6 mm[.063 in]
Operating Temperature Range -40 – 70 °C[-40 – 158 °F] Operation/Application Circuit Application Shielded No Industry Standards Performance Category Cat 3 UL Flammability Rating UL 94V-0 Packaging Features Packaging Method Reel, Tape & Reel	Connector Height	11.5 mm[.453 in]
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	Usage Conditions	
Circuit Application Signal Shielded No Industry Standards Performance Category Cat 3 UL Flammability Rating UL 94V-0 Packaging Features Packaging Method Reel, Tape & Reel	Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
Shielded No Industry Standards Performance Category Cat 3 UL Flammability Rating UL 94V-0 Packaging Features Packaging Method Reel, Tape & Reel	Operation/Application	
Performance Category UL Flammability Rating Packaging Features Packaging Method Reel, Tape & Reel	Circuit Application	Signal
Performance Category UL Flammability Rating Packaging Features Packaging Method Reel, Tape & Reel	Shielded	No
UL Flammability Rating Packaging Features Packaging Method Reel, Tape & Reel	Industry Standards	
Packaging Features Packaging Method Reel, Tape & Reel	Performance Category	Cat 3
Packaging Method Reel, Tape & Reel	UL Flammability Rating	UL 94V-0
	Packaging Features	
	Packaging Method	Reel, Tape & Reel
	Packaging Quantity	800



Product Compliance

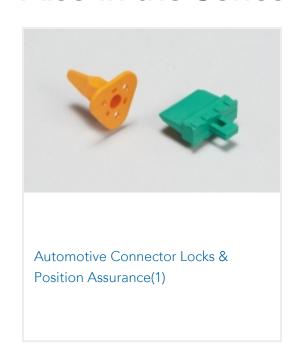
For compliance documentation, visit the product page on TE.com>

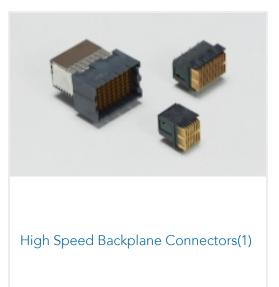
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not 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













RJ22 Connectors(3)



RJ25 Connectors(5)



RJ45 Connectors(8)



Slide Switches(5)

Customers Also Bought



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



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



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



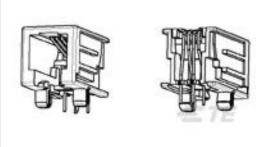
TE Part #2-1676913-7 YR1 0.1% 1M0



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



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



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



TE Part #350766-1 03P UMNL PLUG HSG

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

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_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