



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

## Features

### Packaging Features

Packaging Quantity	190
Packaging Method	Tray, Box & Tray

### Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	12.1 mm[.475 in]

### Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

### Contact Features

PCB Contact Termination Area Plating Material	Nickel
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]

### Body Features

Shield Plating Material	Pre-Tin
Shield Plating Finish	Bright
Shield Material	Brass
PCB Ground Tab Location	-3.05 mm, -5.54 mm[-.218 in][- .12 in]

Modular Jack Latch Orientation	Standard - Latch Down
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Connector Profile	Low
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### Industry Standards

UL Flammability Rating	UL 94V-0
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Performance Category	Cat 3
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### Operation/Application

Indicator Type	No Indicator
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Shielded	Yes
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Circuit Application	Signal
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### Configuration Features

Number of PCB Ground Tabs	2
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Panel Ground Location	Top
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Port Configuration	Single Port
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Port Matrix Configuration	1 x 1
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Connector Contact Density	Standard
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Number of Positions	8
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Number of Loaded Positions	8
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PCB Mount Orientation	Right Angle
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### Product Type Features

Connector Product Type	Connector Assembly
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Modular Jack & Plug Interface Type	RJ45
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Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
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Modular Connector Style	Jack
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Grounding Options	PCB and Panel Ground
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Connector & Contact Terminates To	Printed Circuit Board
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### Termination Features

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

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

PBT GF

### Usage Conditions

Operating Temperature Range

-40 – 70 °C[-40 – 158 °F]

### Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

### 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: JUNE 2024 (241)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

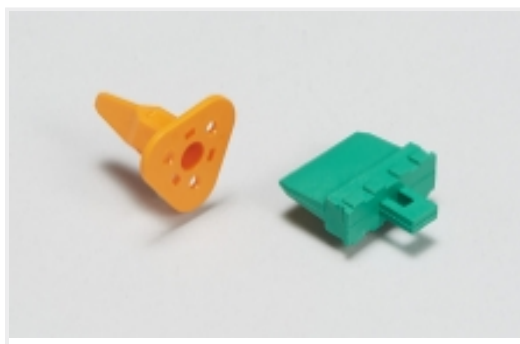
Solder Process Capability

Wave solder capable to 265°C

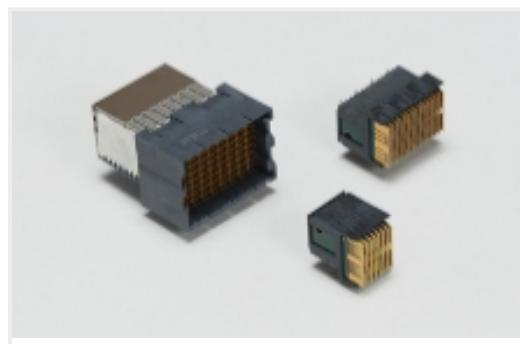
#### Product Compliance Disclaimer

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>

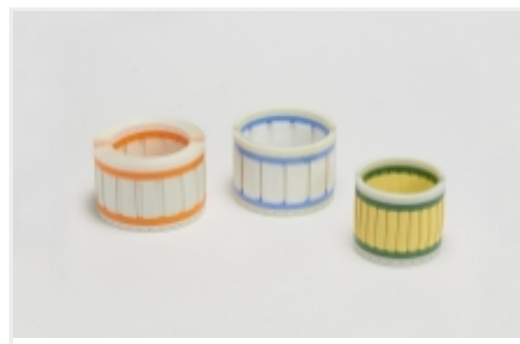
Also in the Series | [Alcoswitch SE](#)



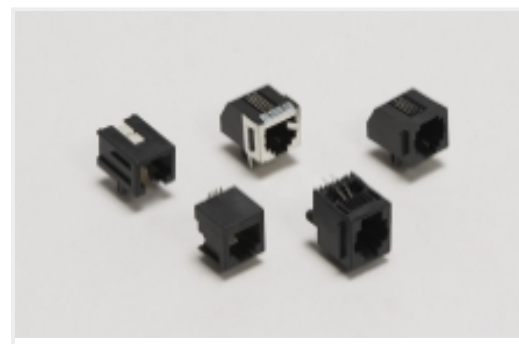
Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



Printable Tubing(3)



RJ14 Connectors(3)



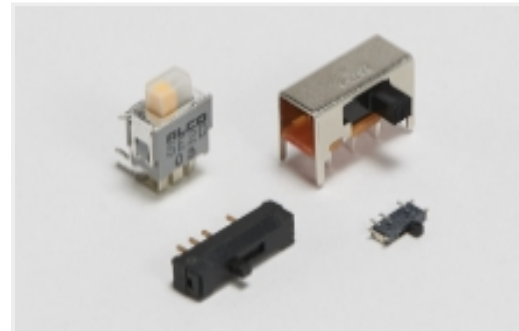
RJ22 Connectors(3)



RJ25 Connectors(5)



RJ45 Connectors(8)



Slide Switches(5)

## Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



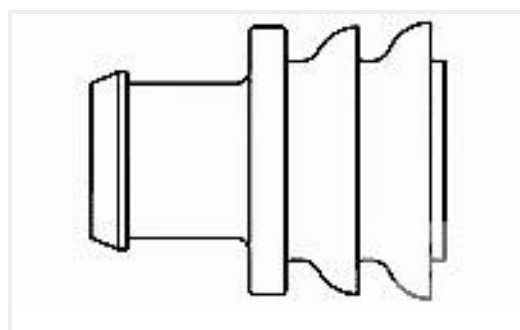
TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

[Product Drawings](#)  
[8/8 MOD JACK ASSY SE](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_3-338556-1\\_G.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-338556-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-338556-1\\_G.3d\\_stp.zip](#)

English

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### Product Specifications

[side entry, bottom entry, top entry and toolless modular jack](#)

English

[Product Specification](#)

English