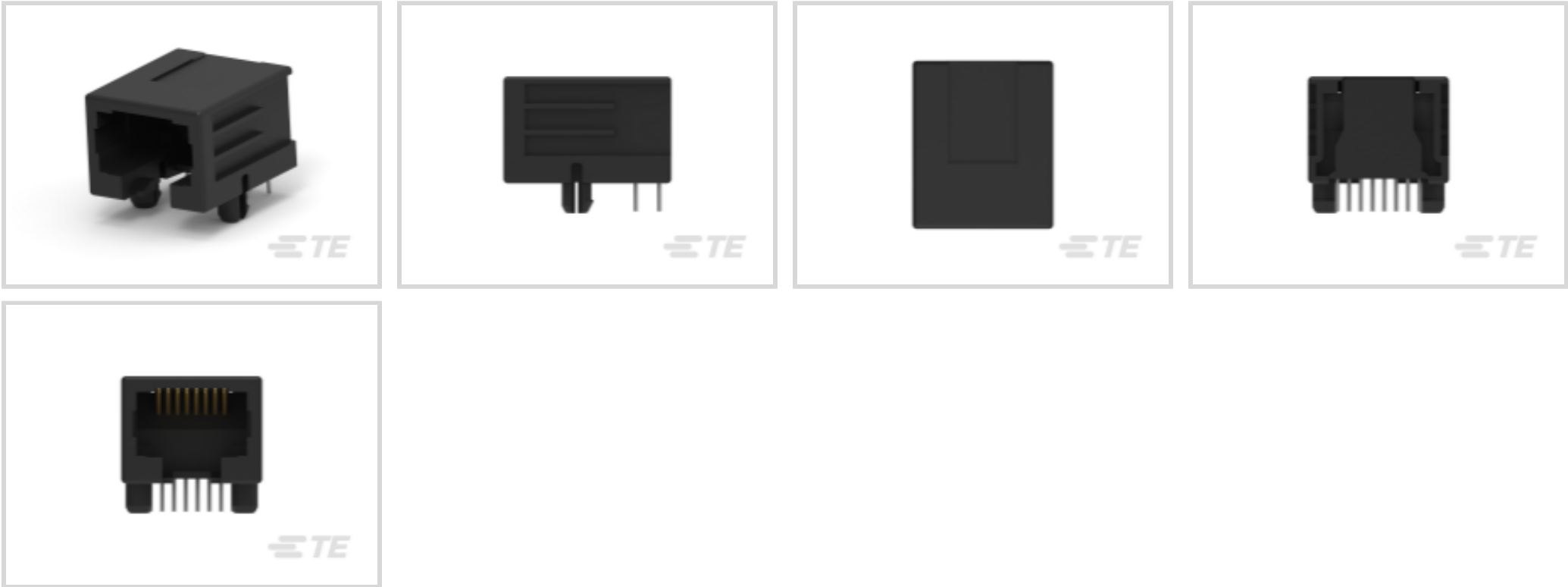




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Product Type Features

Connector Product Type	Connector Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	None
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features



Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Low

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3 mm[.118 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	11.5 mm[.453 in]

Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
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Operation/Application

Indicator Type	No Indicator
Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 3



Packaging Features

Packaging Quantity	200
Packaging Method	Box & Tray, Tray

Product Compliance

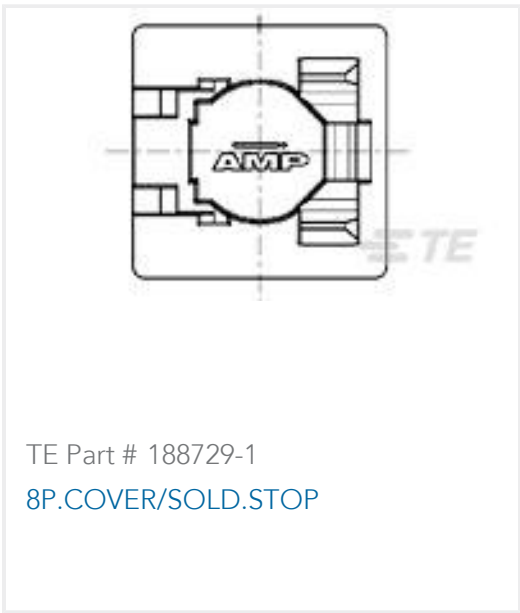
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) 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

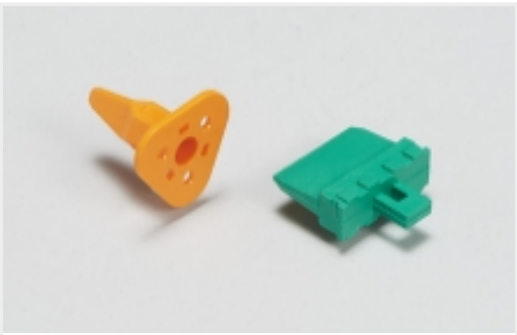
Product Compliance Disclaimer

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>

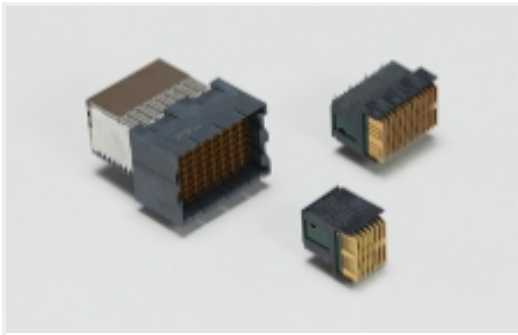
Compatible Parts



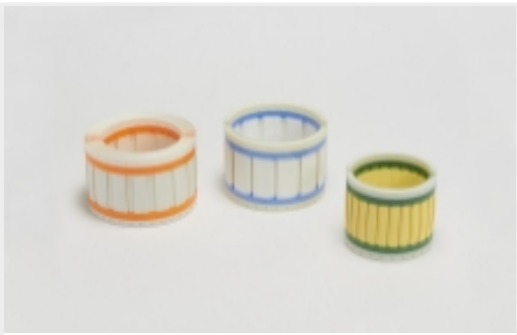
Also in the Series | Alcoswitch SE



Automotive Connector Locks & Position Assurance(1)



High Speed Backplane Connectors(1)



Printable Tubing(3)



RJ14 Connectors(3)



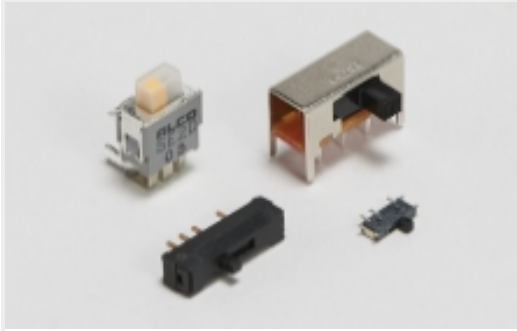
RJ22 Connectors(3)



RJ25 Connectors(5)



RJ45 Connectors(8)

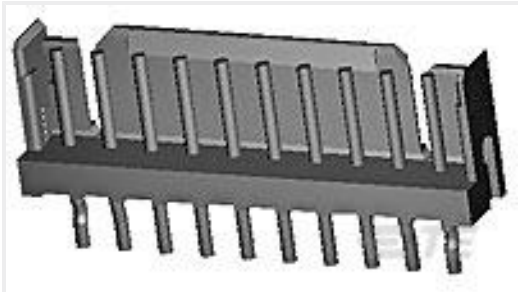


Slide Switches(5)

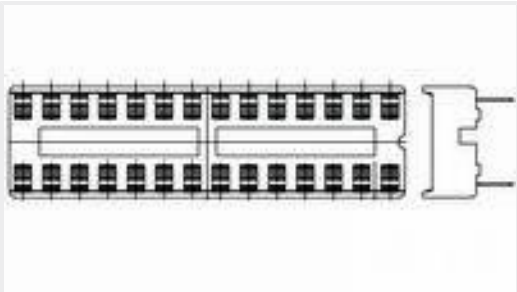
Customers Also Bought



TE Part #1241050-3
2x3P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #292161-2
CT P/HDR ASSY V 2P W/KINK NAT



TE Part #1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part #216548-1
6/6 PCB MOD.JACK TE



TE Part #9-2176614-7
EP 10W (SS) 10K 5% BULK BOX



TE Part #1415055-1
SR4D4012



TE Part #5747845-4
15 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #63458-1
MAG-MATE POKE-IN TAB 020 PTPBR



TE Part #3-794679-2
02P MICRO MNL ASSY,R/A,THRU,LF



TE Part #2176805-1
BLIND PLUG, MINI SUPER SEAL CAVITY

Documents



Product Drawings

8/8 PCB MOD.JACK SE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-215877-3_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-215877-3_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-215877-3_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section

English

Product Specifications

side entry, top entry and bottom entry modular jacks

English

Application Specification

English

Agency Approvals

UL Report

English