5406566-1 ✔ ACTIVE

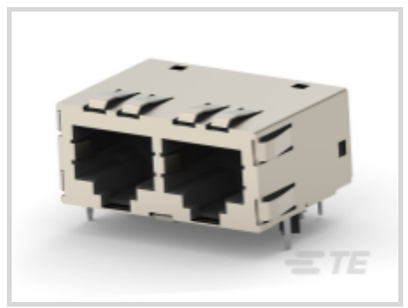
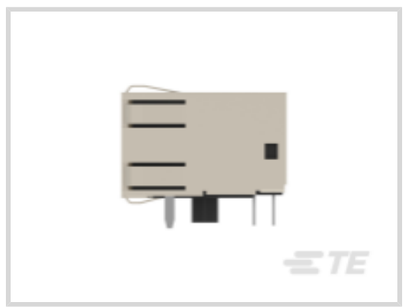
OEG Miniature Relay PCF

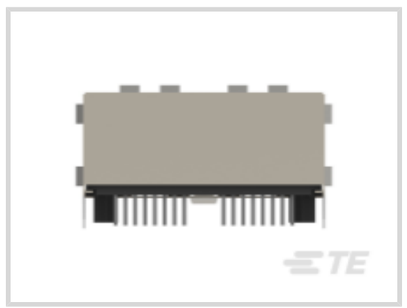
TE Internal #: 5406566-1

RJ45 Connector, Multiple Ports, 1 x 2, Jack, Shielded, Cat 5, Standard - Latch Down, 8 Position, Standard Profile, OEG Miniature Relay PCF

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors




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

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 2**

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	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
Number of Panel Ground Tabs	9
Multiple Port Configuration	Ganged
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 2
Connector Contact Density	Standard
Number of Positions	8

Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

Shield Plating Material	Tin over Copper
Shield Material	Copper Zinc Alloy
PCB Ground Tab Location	4.57 mm[.18 in]
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.2 A, 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	3.56 mm[.14 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

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

Dimensions

Connector Height	13.64 mm[.537 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Indicator Type	No Indicator

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

Packaging Features

Packaging Quantity	225
Packaging Method	Box, Box & Tray

Product Compliance

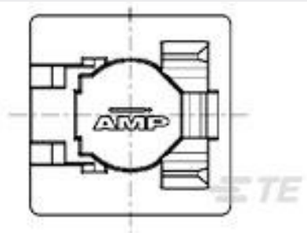
For compliance documentation, visit the product page on TE.com>

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

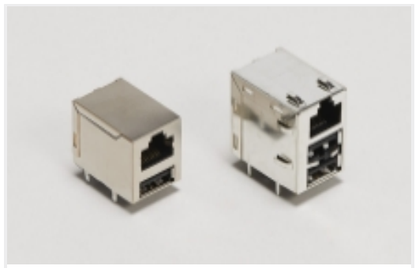
Compatible Parts



TE Part # 188729-1
8P.COVER/SOLD.STOP

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

Also in the Series | OEG Miniature Relay PCF



Combo Jacks(1)



Connector Contacts(1)



Power Contacts(1)



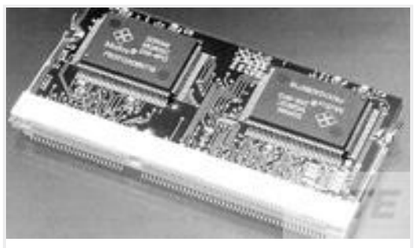
RJ14 Connectors(1)



RJ25 Connectors(7)

Customers Also Bought

TE Part #474181-E
STVC/3 26 M ABC 0425 4-00 0606 * N860 24



TE Part #3-390112-1
SKT,SODIMM,144P,SDRAM3.3V,HIGH



TE Part #535090-5
096 EURO TYPE C RECEPT ST ASSY



TE Part #3-826656-2
AMPMODU II PIN HDR.2X32P



TE Part #2-1734506-7
RCPT, 2.0MM, 08P,VRT MT, 8 Au", 2.6 ST



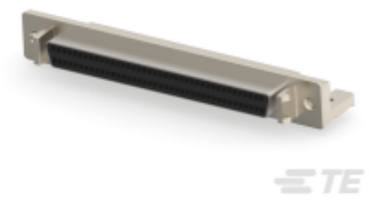
TE Part #4-2176215-5
CPF A 0402 68K 0.1% 25PPM 1K RL



TE Part #5-2176330-4
CRGP 2010 270K 1%



TE Part #1-5747150-4
09 RCPT SP/FMS SCRLK



TE Part #5787394-8
80 50SR R/A RCPT ASSY, LD FREE

TE Part #2265628-1
CABLE ASSY. MICRO-MATCH TO NON TE

Documents

Product Drawings

MJ ASSY,2PORT,8POS,SHLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5406566-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5406566-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5406566-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English