

216548-1 ✓ ACTIVE

## OEG Miniature Relay PCF

TE Internal #: 216548-1

RJ25 Connectors, Single Port, 1 x 1, Standard Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, OEG Miniature Relay PCF

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Connectors > Modular Jacks & Plugs > RJ25 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

Grounding Options	None
Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Loaded Positions	6

#### Body Features



Connector Profile	Standard
Modular Jack Latch Orientation	Standard - Latch Down

### Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A
PCB Contact Termination Area Plating Material	Tin-Lead

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.1 mm[.122 in]

### Mechanical Attachment

Panel Mount Feature Type	Panel Stops
Mating Alignment	Without
Connector Mounting Type	Board Mount
Panel Mount Feature	With

### Housing Features

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

### Dimensions

Connector Height	16.4 mm[.646 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

### Usage Conditions

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

Shielded	No
Circuit Application	Signal

### Industry Standards

Performance Category	Cat 3
UL Flammability Rating	UL 94HB



### Packaging Features

Packaging Reel Diameter	60 cm
Packaging Method	Piece/Reel, Tape Mounted on Reel
Packaging Quantity	800

### Other

Modular Jacks & Plugs Comment	12.70 [.500] Width
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### Product Compliance

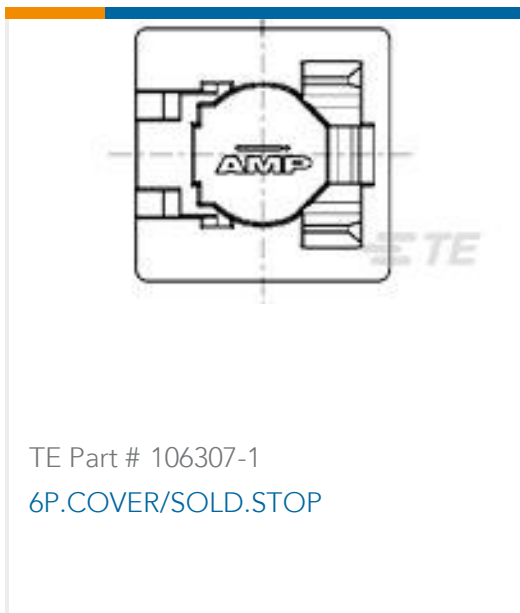
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

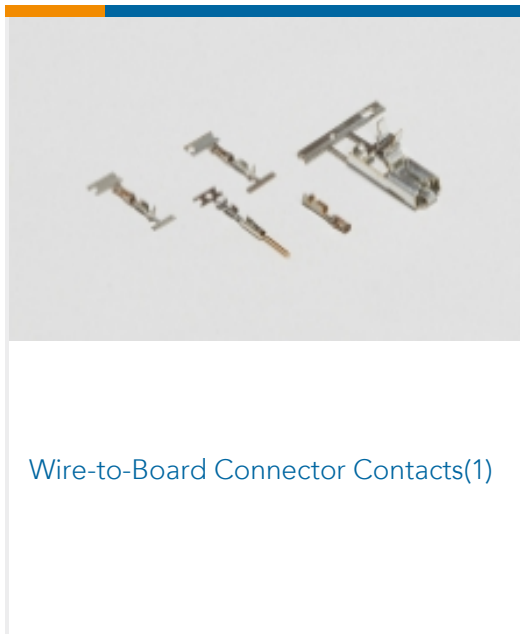
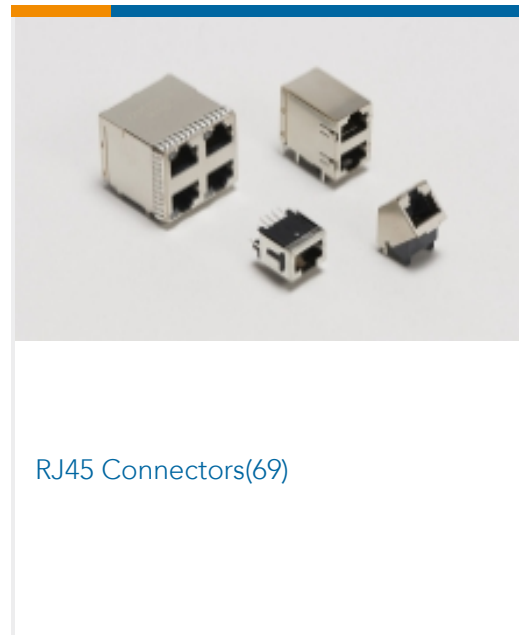
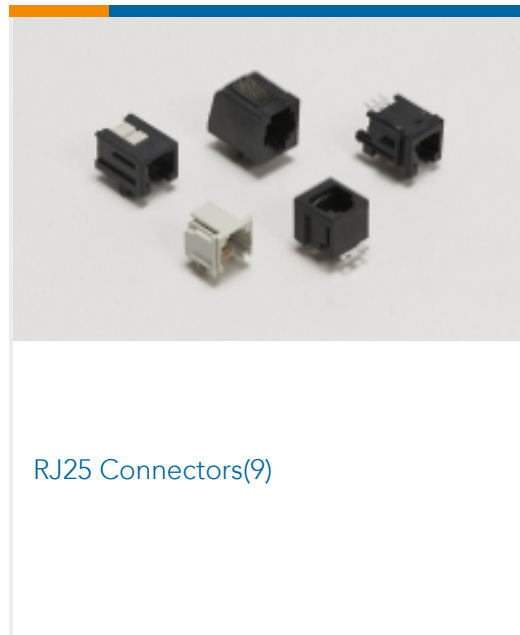
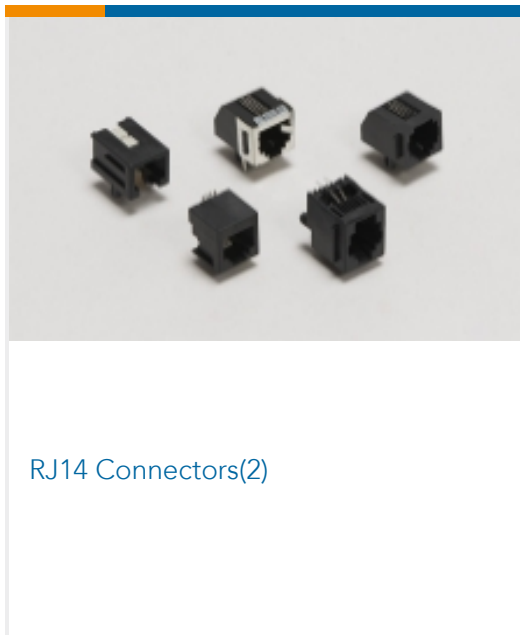
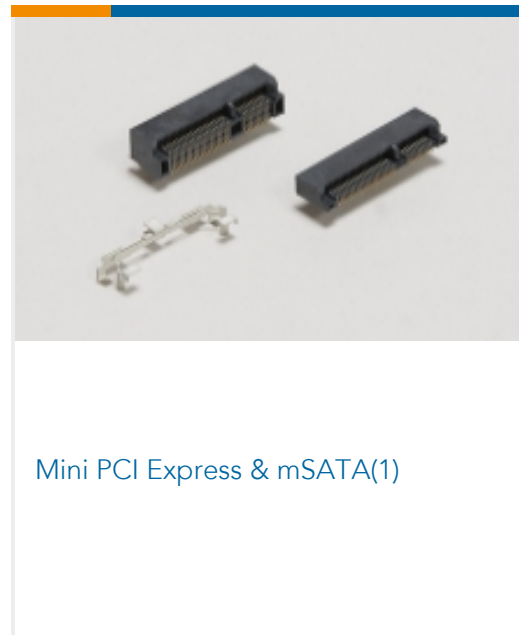
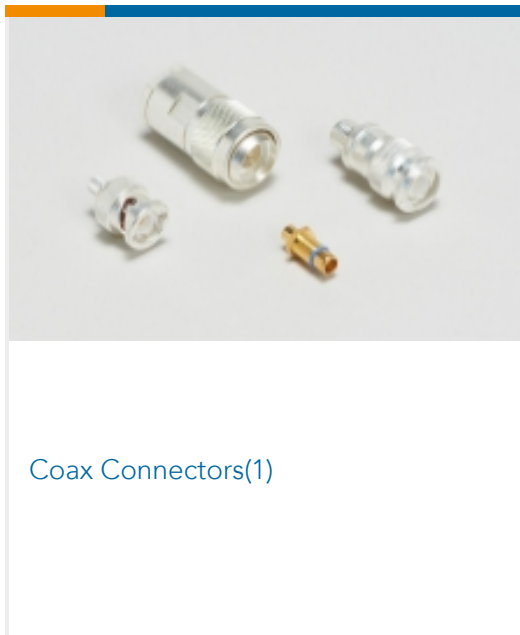
#### Product Compliance Disclaimer

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>

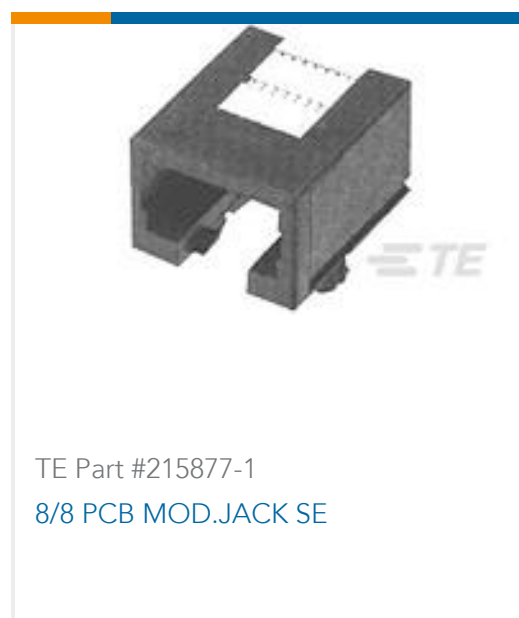
### Compatible Parts



### Also in the Series | OEG Miniature Relay PCF



### Customers Also Bought

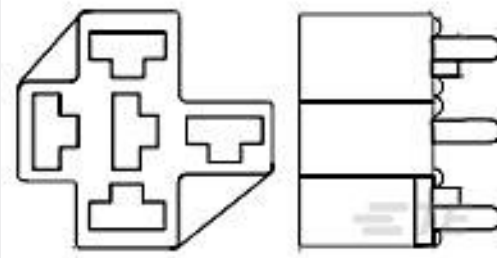




TE Part #280378-1  
4P AMPMODU II SHRDR HDR, RT ANG,  
TIN



TE Part #2301994-2  
RJ45 JACK INT.MAG. 10/100 LED 1X1  
INV.



TE Part #1393310-3  
VCF4-1000=FROM SEC

TE Part #172026-1  
MIC PLUG 5P

TE Part #1977497-1  
6MM SEALED R/A TACT SWITCH,  
SMT

## Documents

### Product Drawings

#### 6/6 PCB MOD.JACK TE

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_216548-1\\_A2.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_216548-1\\_A2.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_216548-1\\_A2.2d\\_dxf.zip](#)

English

### 3D PDF

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 Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English

