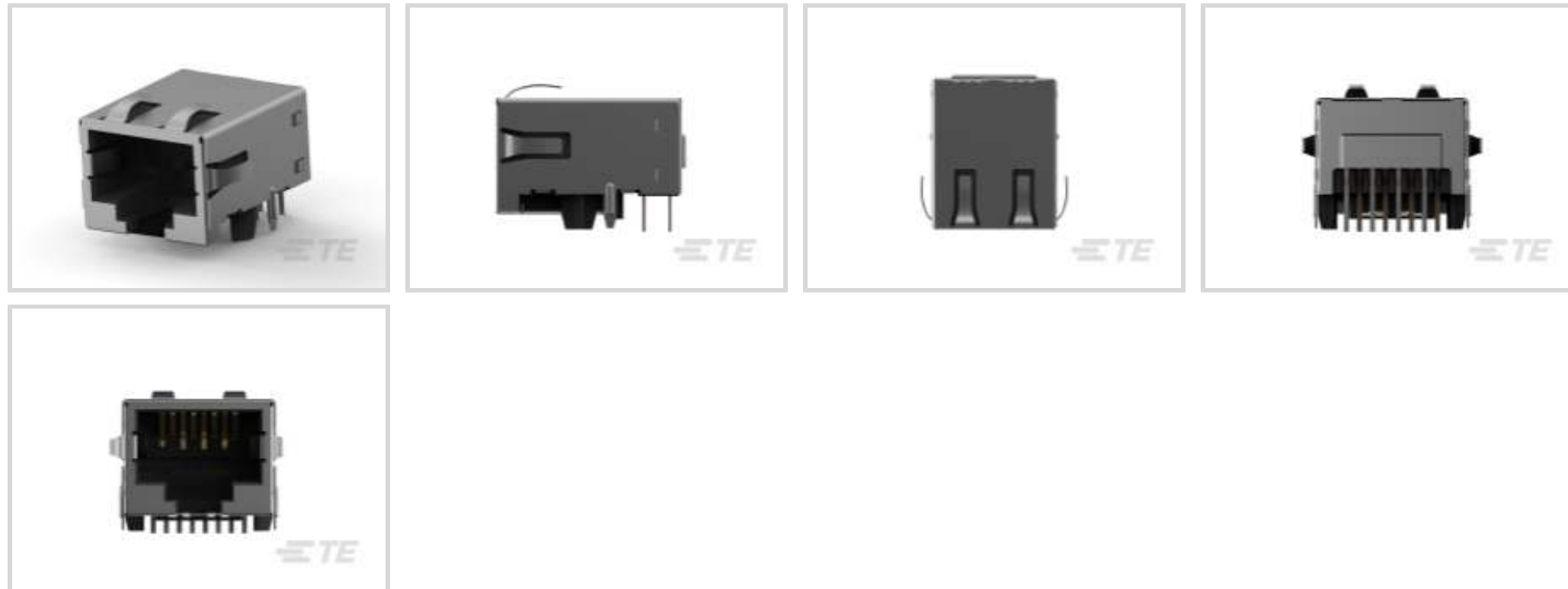# 1888542-3  ✓ ACTIVE

## OEG Miniature Relay PCF
TE Internal #: 1888542-3

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, Cat 5, OEG Miniature Relay PCF

View on TE.com >

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

### Configuration Features

| | |
|---|---|
| Status Indicator Type | None |
| Number of PCB Ground Tabs | 2 |
| Port Configuration | Single Port |
| Port Matrix Configuration | 1 x 1 |
| Connector Contact Density | Standard |
| Number of Positions | 8 |
| Number of Loaded Positions | 8 |

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| PCB Mount Orientation | Right Angle |
|---|---|

## Body Features

| PCB Ground Tab Location | 4.57 mm[.18 in] |
|---|---|
| Shield Plating Material | Nickel |
| Shield Material | Brass |
| Modular Jack Latch Orientation | Standard - Latch Down |
| Connector Profile | Standard |

## Contact Features

| PCB Contact Termination Area Plating Material Finish | Matte |
|---|---|
| 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 |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material Thickness | 1.27 μm[50 μin] |

## Termination Features

| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|---|
| Termination Post & Tail Length | 3.48 mm[.137 in] |

## Mechanical Attachment

| Panel Mount Feature | With |
|---|---|
| Panel Mount Feature Type | Panel Stops |
| Connector Mounting Type | Panel Mount |

## Housing Features

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

## Dimensions

| Connector Height | 9.58 mm[.376 in] |
|---|---|

## Usage Conditions

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

## Operation/Application

1888542-3

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Shielded, Cat 5, OEG Miniature Relay PCF

| Shielded | Yes |
|---|---|
| Circuit Application | Signal |

## Industry Standards

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

## Packaging Features

| Packaging Quantity | 240 |
|---|---|
| Packaging Method | Box, Box & Tray |

## Product Compliance

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

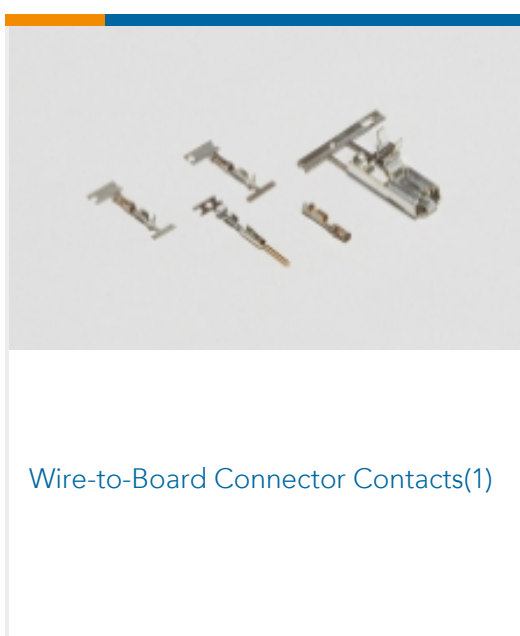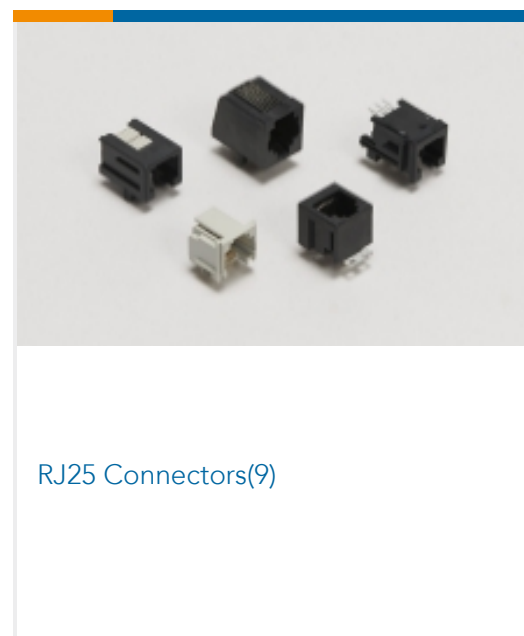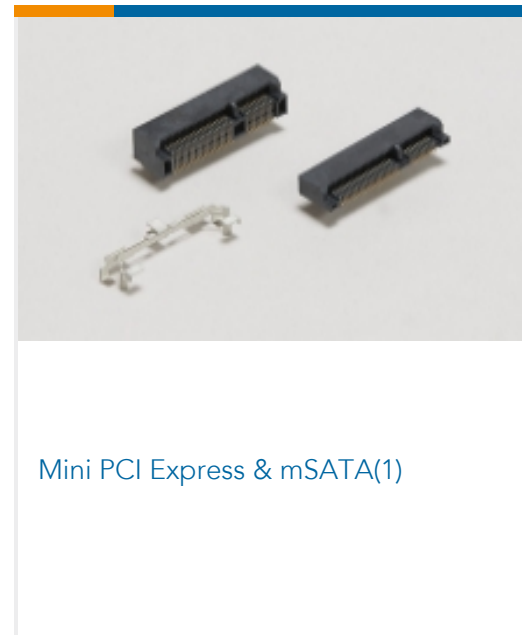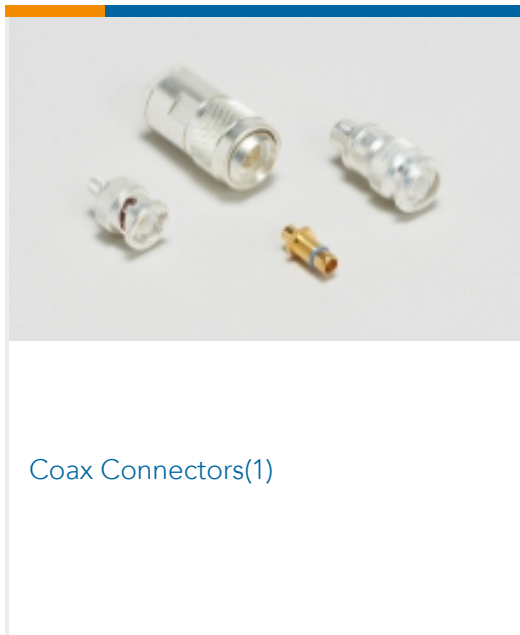| EU RoHS Directive 2011/65/EU | Compliant |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>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
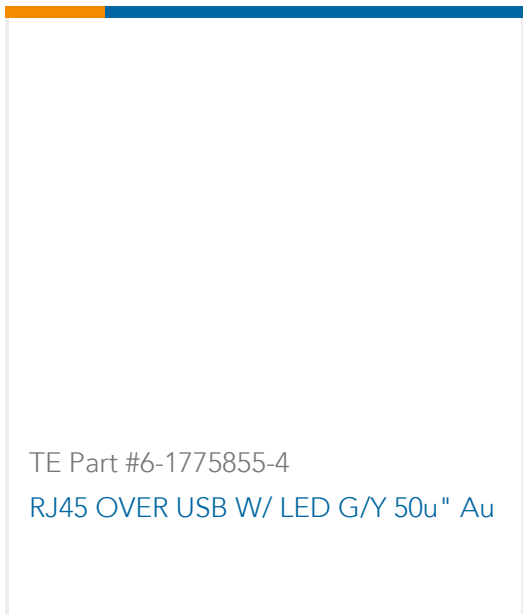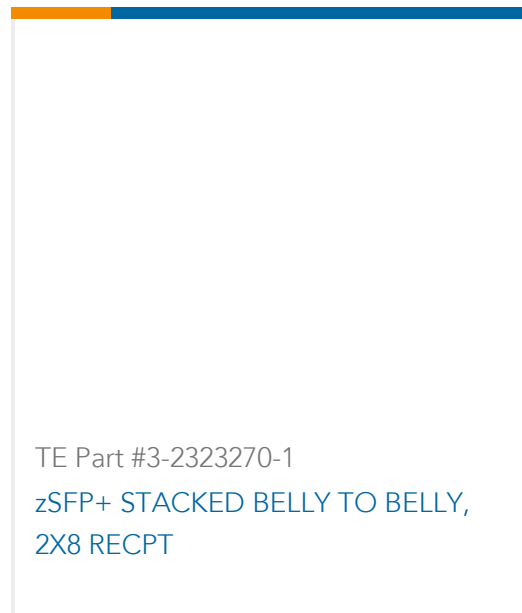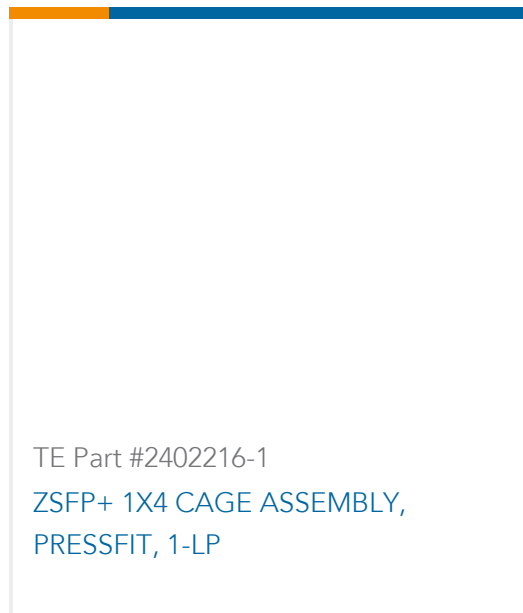
## Compatible Parts

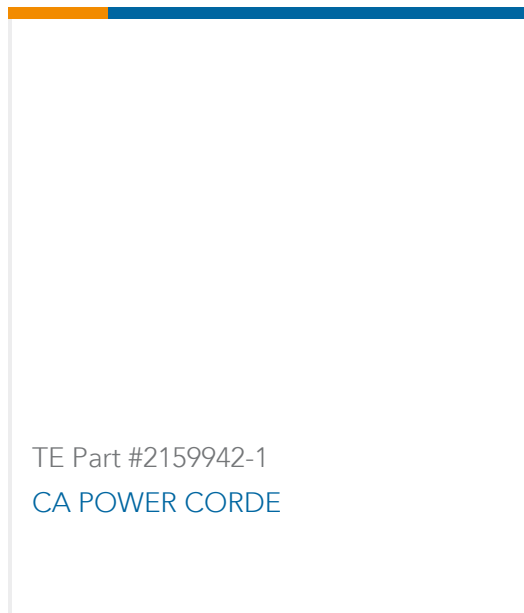1888542-3

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Shielded, Cat 5, OEG Miniature Relay PCF

TE Part # 188729-1
8P.COVER/SOLD.STOP
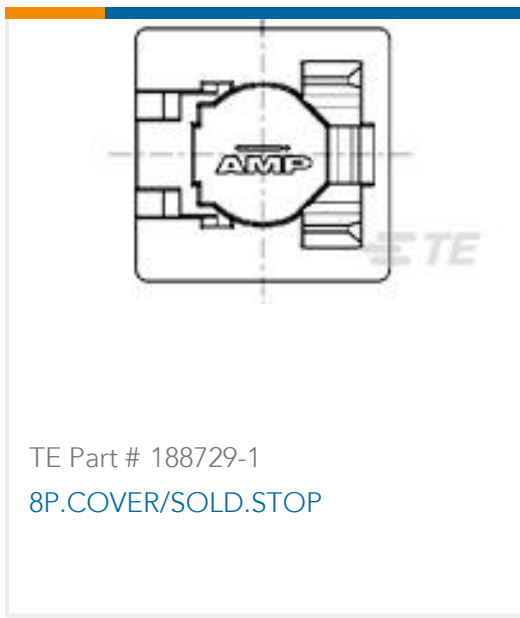
## Also in the Series | OEG Miniature Relay PCF



Coax Connectors(1)



Combo Jacks(1)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)



RJ14 Connectors(2)



RJ22 Connectors(1)



RJ25 Connectors(9)



RJ45 Connectors(69)



Wire-to-Board Connector Contacts(1)

## Customers Also Bought



TE Part #1367073-2
20 POS SMT CONN, SFP, 30AU



TE Part #5084618-4
0.8FH,R13H.5,100,30/Sn,TR,SC



TE Part #2143154-2
IMP100S,H,V5P14C,LG,REW39,4.9



TE Part #2204167-1
MBXLE R/A RCPT,A/C PASS THRU
4ACP+12S+3P

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RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
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TE Part #1367627-8
light pipe assy, 1x1 sfp

TE Part #2159942-1
CA POWER CORDE

TE Part #2402216-1
ZSFP+ 1X4 CAGE ASSEMBLY,
PRESSFIT, 1-LP

TE Part #3-2323270-1
zSFP+ STACKED BELLY TO BELLY,
2X8 RECPT

TE Part #6-1775855-4
RJ45 OVER USB W/ LED G/Y 50u" Au

## Documents

### CAD Files

3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_1888542-3_C.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_1888542-3_C.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_1888542-3_C.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

### Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English