

1888653-2

✓ ACTIVE

OEG Miniature Relay PCF

TE Internal #: 1888653-2

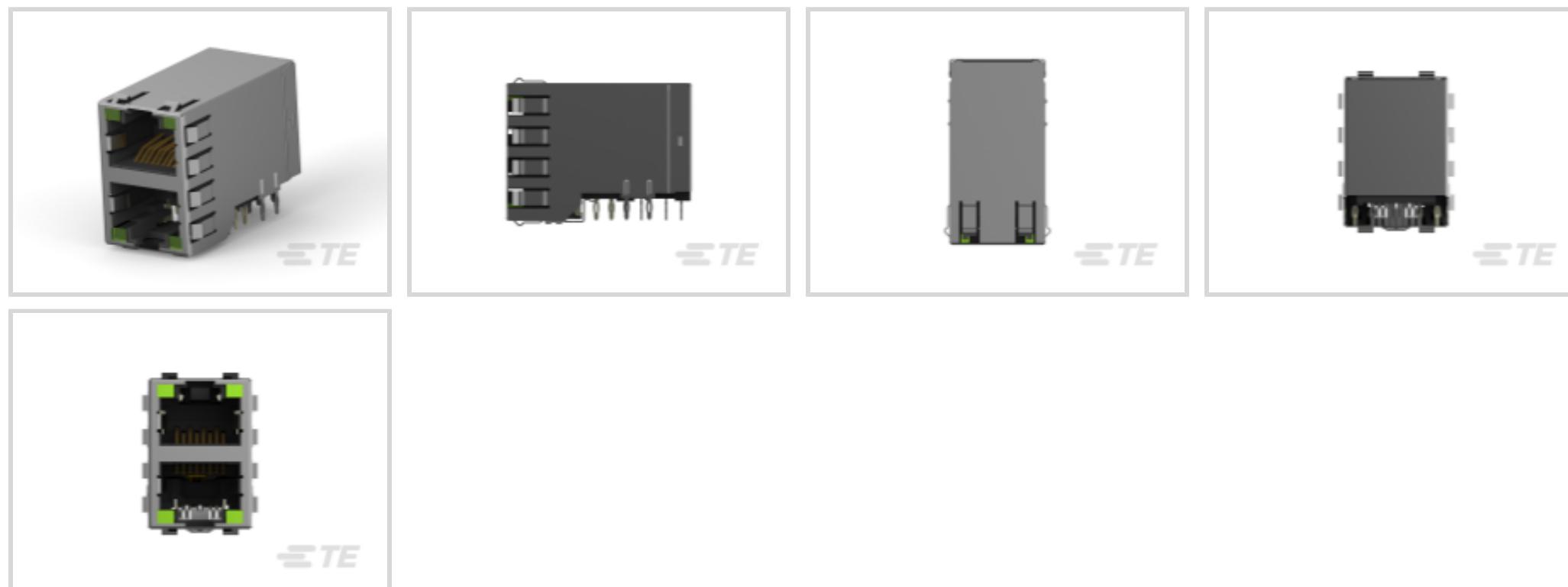
RJ45 Connector, Multiple Ports, 2 x 1, Standard Connector Contact

Density, Jack, Shielded, Cat 5e, Standard - Latch Down, OEG

Miniature Relay PCF

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Connectors > Modular Jacks & Plugs > RJ45 Connectors

Modular Jack & Plug Interface Type: **RJ45**Port Configuration: **Multiple Ports**Port Matrix Configuration: **2x1**Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**Connector Contact Density: **Standard****Features****Product Type Features**

| | |
|------------------------------------|-----------------------|
| Ground Feature Type | Grounding Clips |
| 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 | 4 |
| Multiple Port Configuration | Stacked |
| Port Configuration | Multiple Ports |
| Port Matrix Configuration | 2 x 1 |
| Connector Contact Density | Standard |
| Number of Positions | 8 |

| | |
|----------------------------|---|
| Number of Loaded Positions | 8 |
|----------------------------|---|

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

Body Features

| | |
|--------------------------------|------------------------|
| LED Color (Top Left) | Green |
| LED Color (Bottom Left) | Green |
| LED Color (Top Right) | Green |
| LED Color (Bottom Right) | Green |
| Grounding Tab Plating Material | Tin over Copper |
| Shield Plating Material | Tin over Copper |
| Shield Material | Copper Alloy |
| Modular Jack Latch Orientation | Standard - Latch Down |
| Connector Profile | Offset - Overhangs PCB |

Contact Features

| | |
|--|-----------------|
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Current Rating (Max) | 1.5 A |
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material Thickness | .38 µm[15 µin] |

Termination Features

| | |
|--------------------------------|--------------------------|
| Termination Method to PCB | Through Hole - Press-Fit |
| Termination Post & Tail Length | 4.14 mm[.163 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 | PBT GF |

Dimensions

| | |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
|-----------------------------|------------------|

Connector Height 3.27 mm[.129 in]

Usage Conditions

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

Operation/Application

Indicator Type LED

Shielded Yes

Circuit Application Signal

Industry Standards

UL Flammability Rating UL 94V-0

Performance Category Cat 5e

Packaging Features

Packaging Quantity 45

Packaging Method 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 2024 (241)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

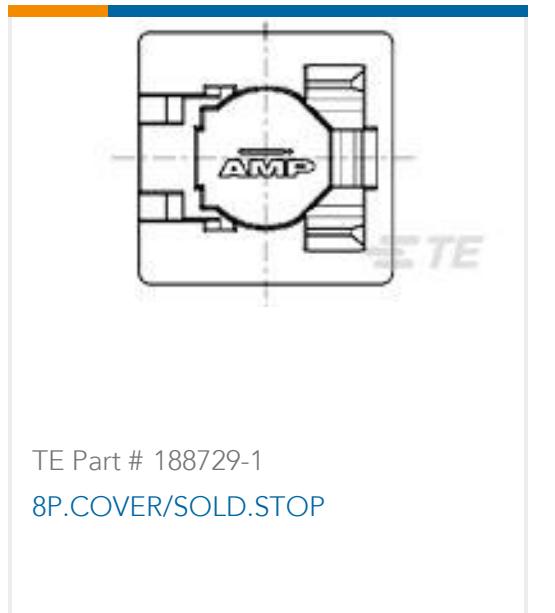
Solder Process Capability Not applicable for solder process capability

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

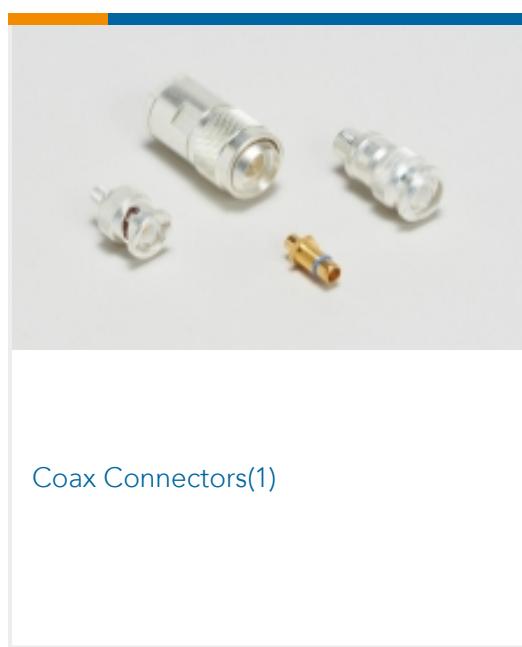


TE Part # 188729-1
8P.COVER/SOLD.STOP

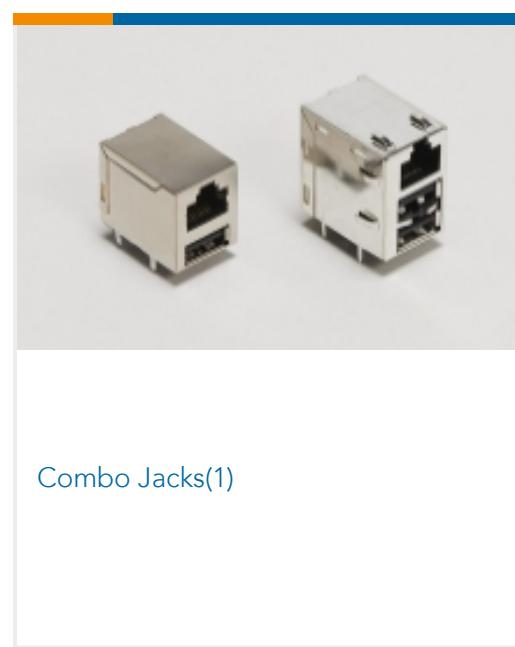


TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

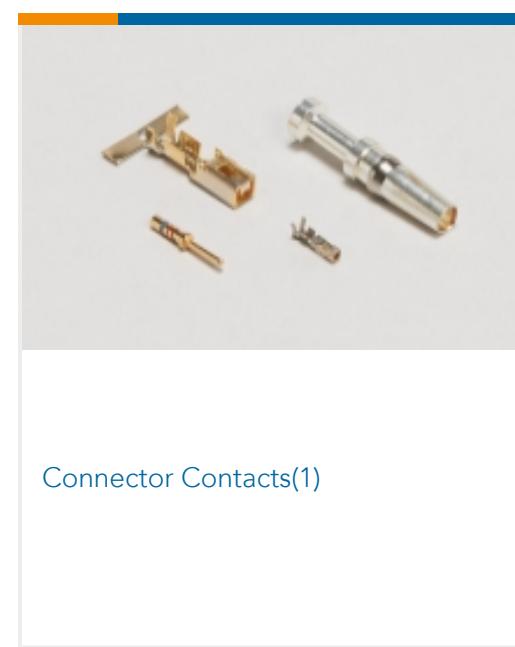
Also in the Series | OEG Miniature Relay PCF



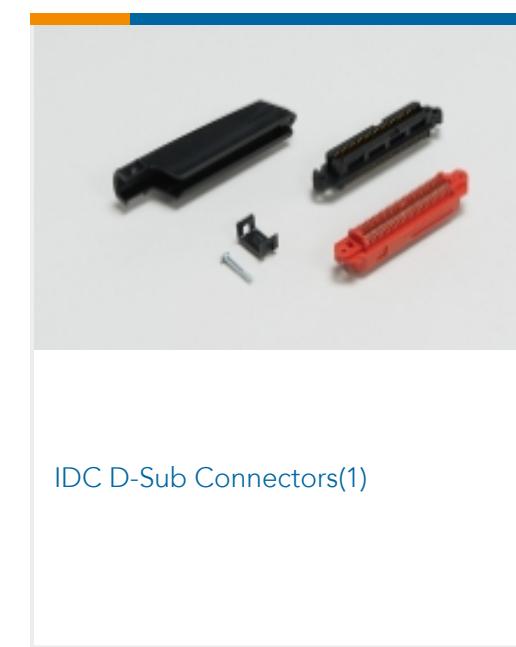
Coax Connectors(1)



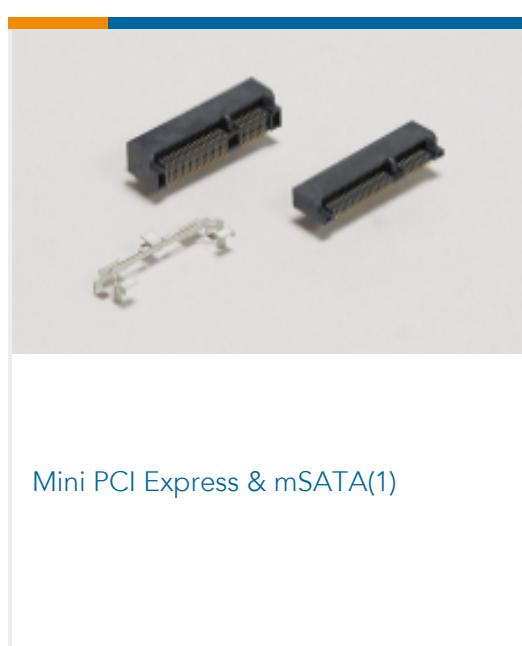
Combo Jacks(1)



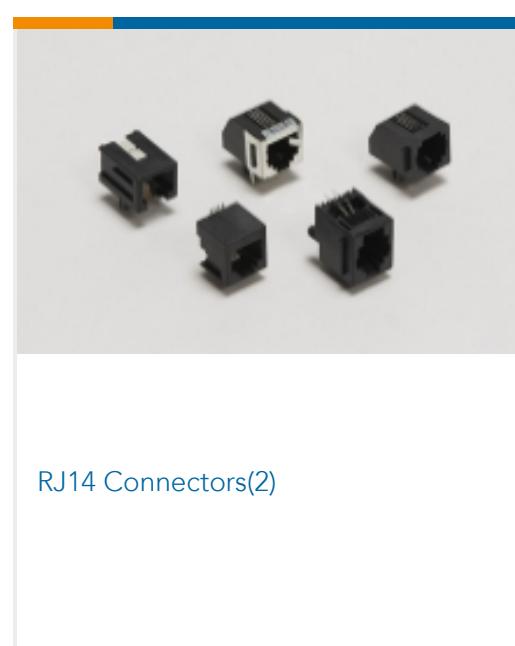
Connector Contacts(1)



IDC D-Sub Connectors(1)



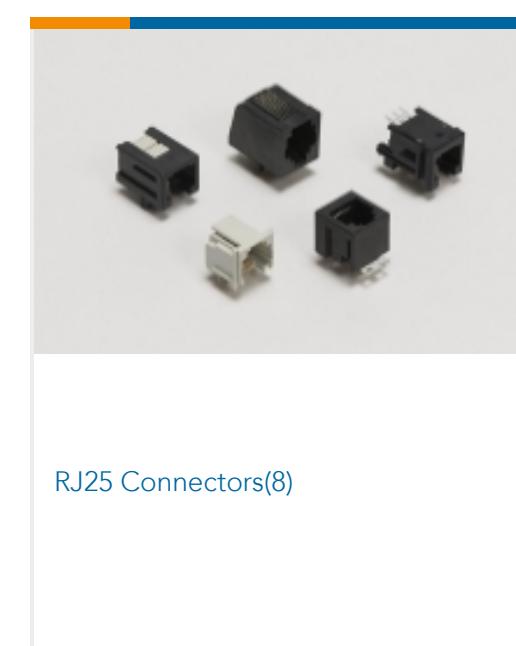
Mini PCI Express & mSATA(1)



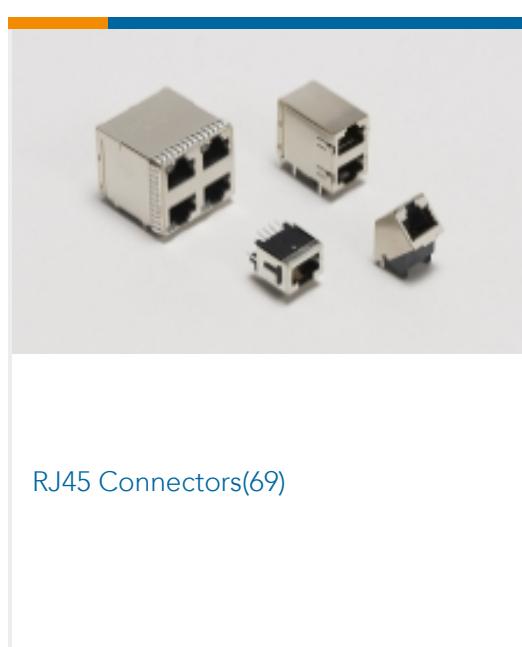
RJ14 Connectors(2)



RJ22 Connectors(1)

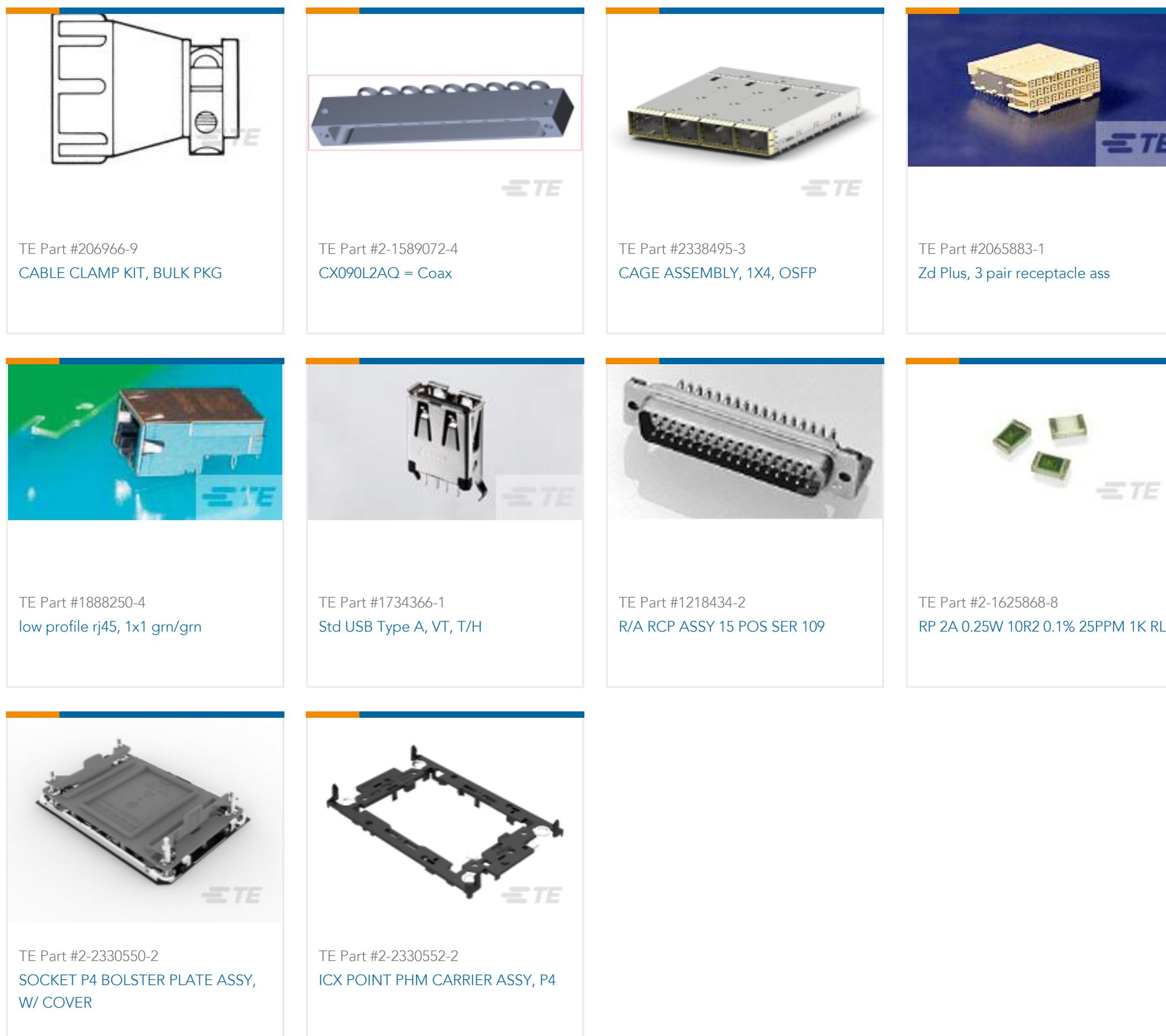


RJ25 Connectors(8)



RJ45 Connectors(69)

Customers Also Bought



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1888653-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1888653-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1888653-2_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8](#)

English

Product Specifications

[Application Specification](#)

English

[Agency Approvals](#)

[UL Report](#)

English