

5406514-1

✓ ACTIVE

CGS SM

TE Internal #: 5406514-1

Single Port, 1 x 1, Low Profile, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Inverted - Latch Up, CGS SM, RJ25 Connectors

[View on TE.com >](#)

Connectors > Modular Jacks & Plugs > RJ25 Connectors

Port Configuration: **Single Port**Port Matrix Configuration: **1 x 1**Connector Profile: **Low**Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**Connector Contact Density: **Standard**

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------|-------------|
| Number of Positions | 6 |
| Port Configuration | Single Port |
| Port Matrix Configuration | 1 x 1 |
| Connector Contact Density | Standard |
| PCB Mount Orientation | Right Angle |
| Number of Loaded Positions | 6 |

Body Features

Connector Profile

Low

Modular Jack Latch Orientation

Inverted - Latch Up

Contact Features

Contact Underplating Material

Nickel

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material

Gold

Contact Current Rating (Max)

1.5 A

PCB Contact Termination Area Plating Material

Tin

Termination Features

Termination Method to PCB

Surface Mount

Mechanical Attachment

Mating Alignment

Without

Connector Mounting Type

Board Mount

Panel Mount Feature

With

Housing Features

Mating Entry Location

Side

Housing Color

Gray

Housing Material

High Temperature Thermoplastic

Centerline (Pitch)

1.02 mm[.04 in]

Dimensions

Connector Height

12.95 mm[.51 in]

PCB Thickness (Recommended)

1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range

-40 – 70 °C[-40 – 158 °F]

Operation/Application

Circuit Application

Signal

Shielded

No

Industry Standards

Performance Category

Cat 3

UL Flammability Rating

UL 94V-0

Packaging Features

| | |
|--------------------|----------------------|
| Packaging Method | Tape Mounted on Reel |
| Packaging Quantity | 600 |

Product Compliance

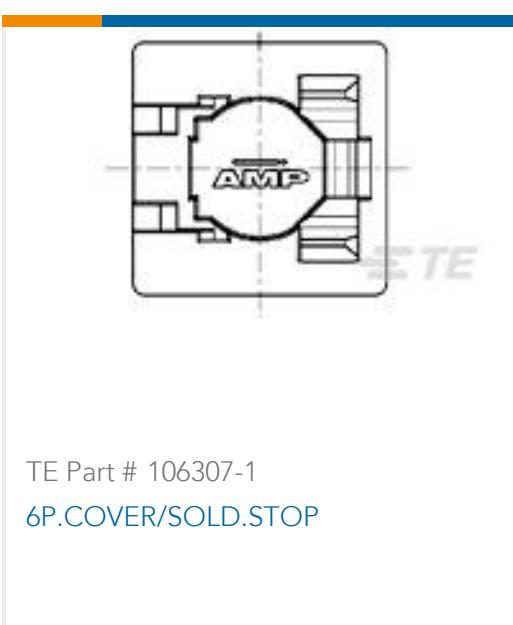
For compliance documentation, visit the product page on TE.com>

| | |
|---|--|
| 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: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 245°C |

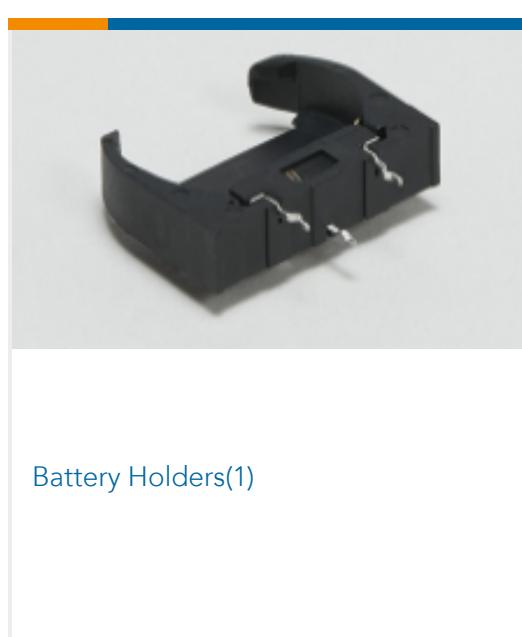
Product Compliance Disclaimer

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>

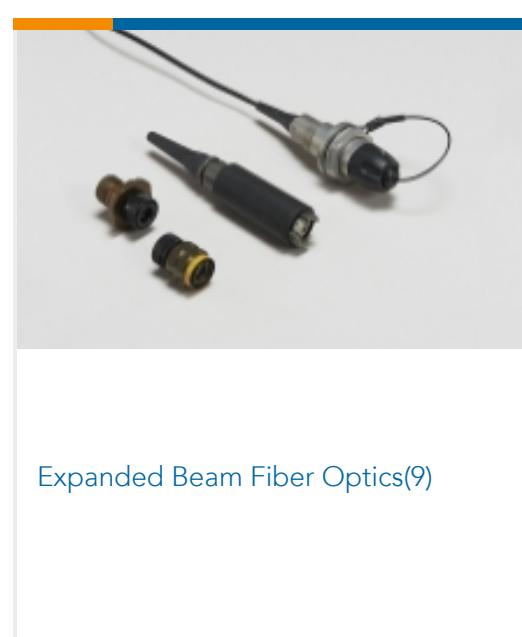
Compatible Parts



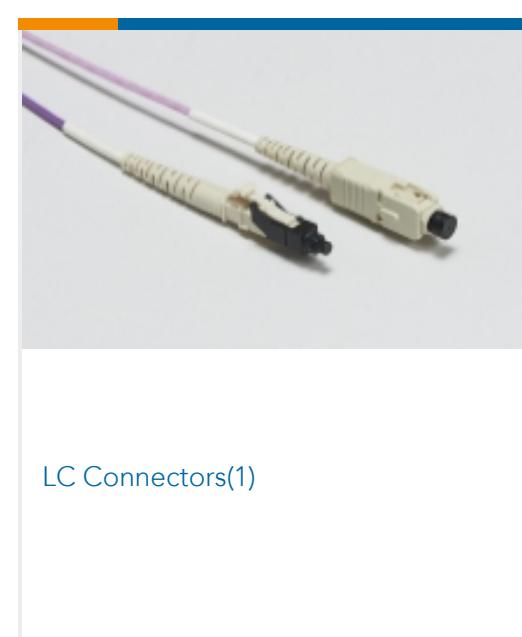
Also in the Series | [CGS SM](#)



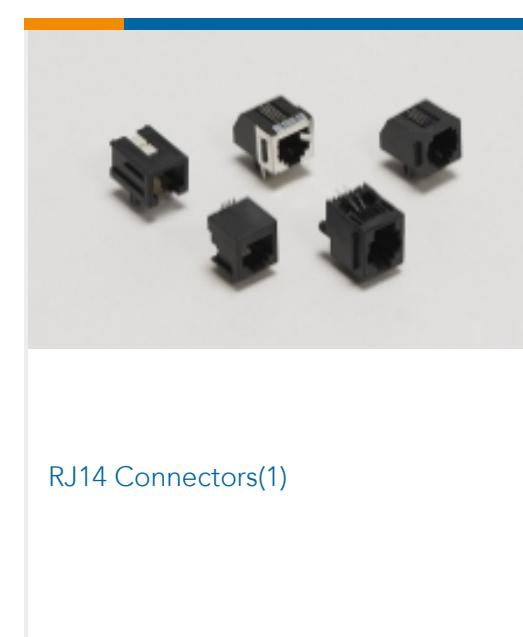
Battery Holders(1)



Expanded Beam Fiber Optics(9)



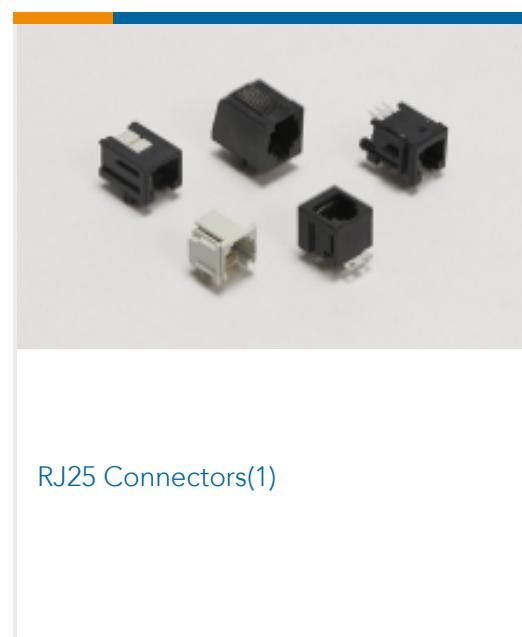
LC Connectors(1)



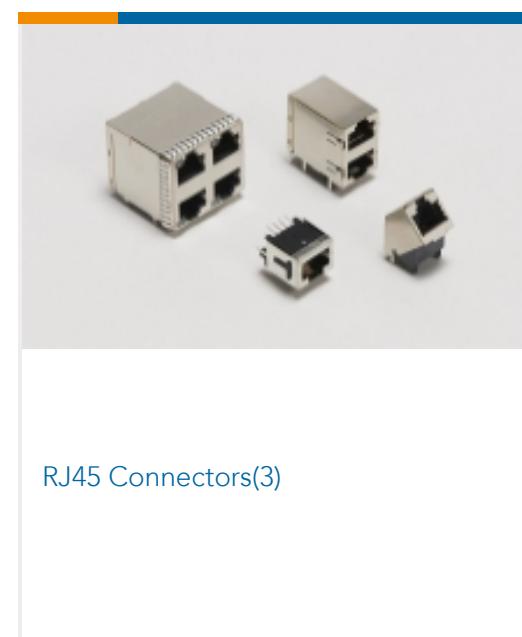
RJ14 Connectors(1)



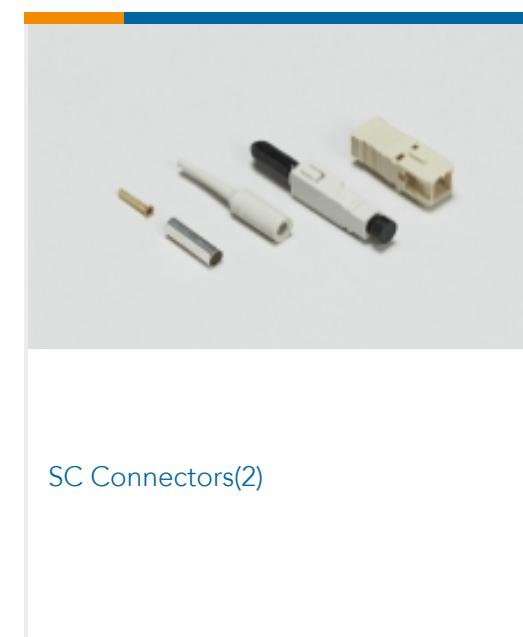
RJ22 Connectors(1)



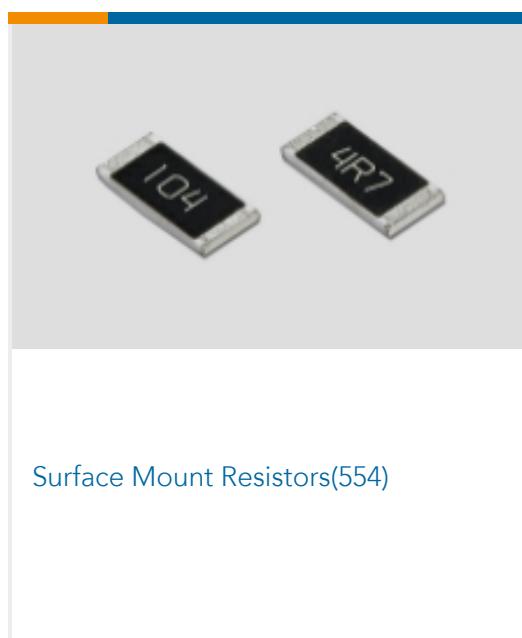
RJ25 Connectors(1)



RJ45 Connectors(3)

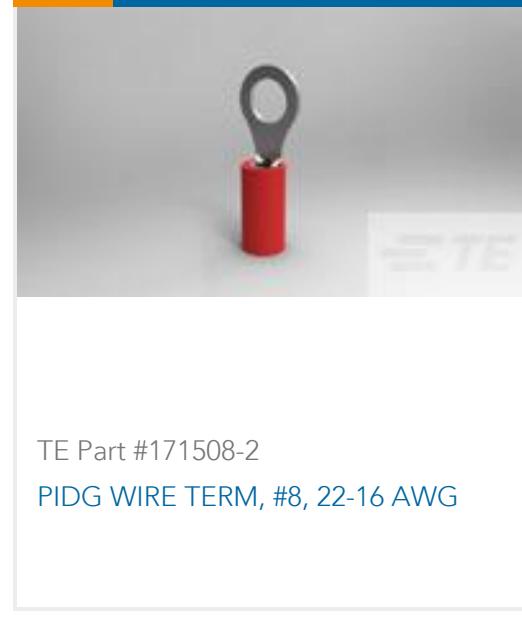


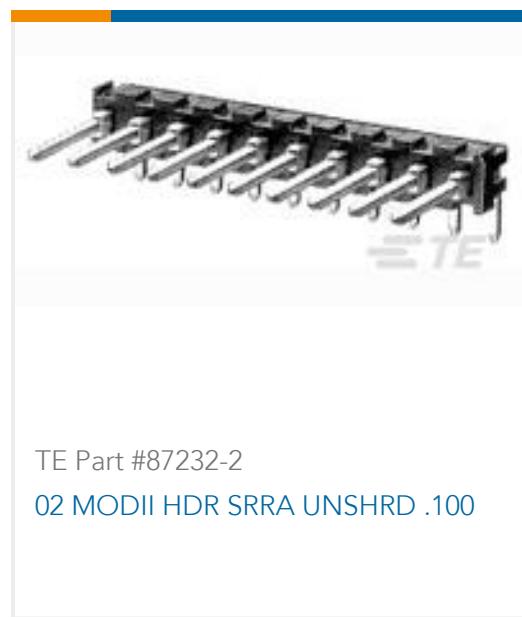
SC Connectors(2)



Surface Mount Resistors(554)

Customers Also Bought

TE Part #3-641215-7
07P MTA100 HDR ASSY FL/ST 30AUTE Part #5148057-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRETE Part #8-215460-6
MICR-MATCH FSID PTE Part #8-215460-4
MICR-MATCH FSID PTE Part #5-1879215-7
CPF 0402 17K4 0.1% 25PPM 1K RLTE Part #171508-2
PIDG WIRE TERM, #8, 22-16 AWGTE Part #532436-1
HDI PIN ASSY 4 ROW 100 POSTE Part #2118709-2
1 PC STD SHIELD, CRS-32.00X32.00X6.00MM



TE Part #87232-2
02 MODII HDR SRRA UNSHRD .100

Documents

Product Drawings

[MJ,RJ11,SMT,6/6,GRAY,22"REEL](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5406514-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5406514-1_C.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5406514-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT](#)

English

Product Specifications

[Application Specification](#)

English