

5406514-1  ACTIVE

CGS SM

TE Internal #: 5406514-1

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

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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 Printed Circuit Board

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

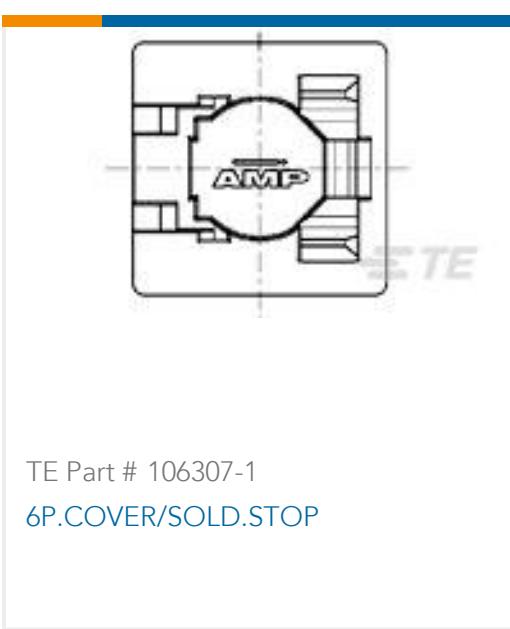
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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	Reflow solder capable to 245°C

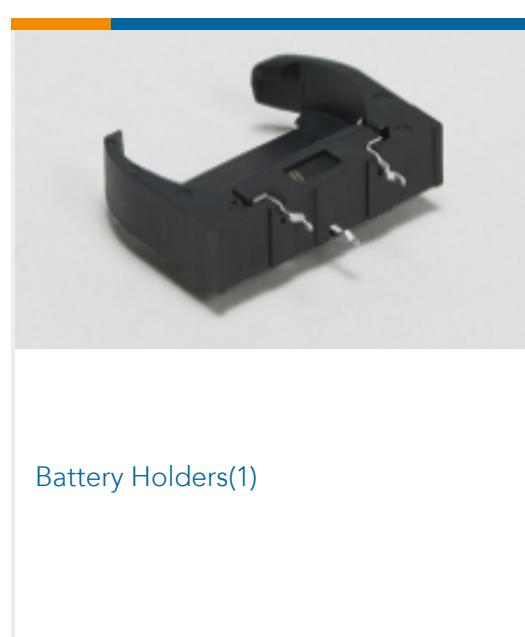
Product Compliance Disclaimer

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>

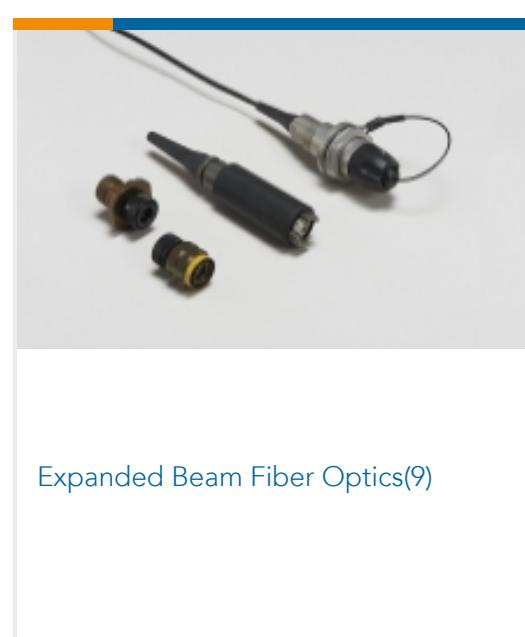
Compatible Parts



Also in the Series | **CGS SM**



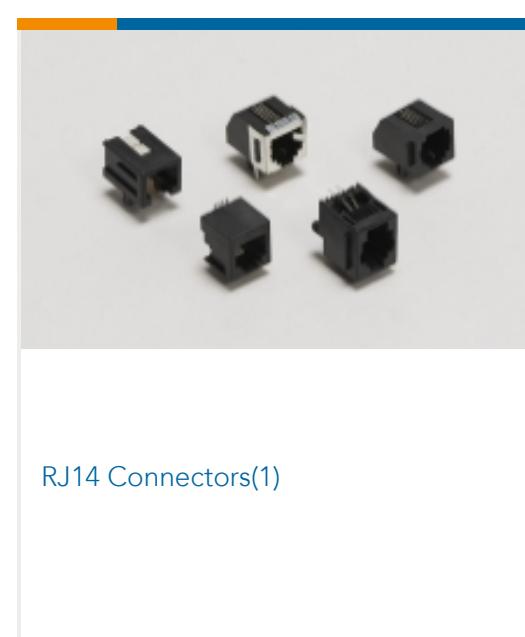
Battery Holders(1)



Expanded Beam Fiber Optics(9)



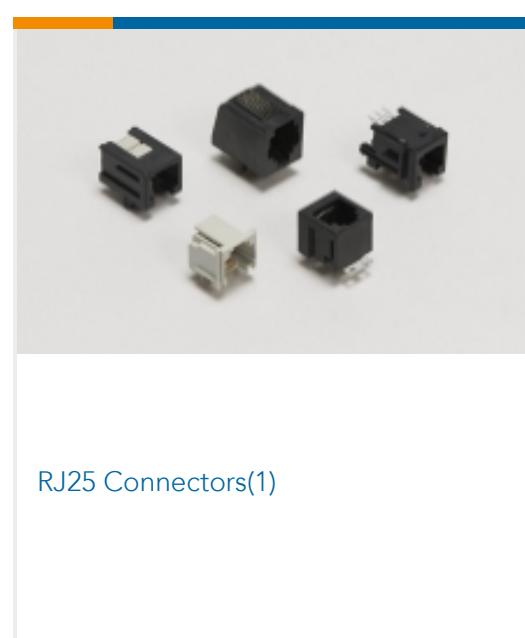
LC Connectors(2)



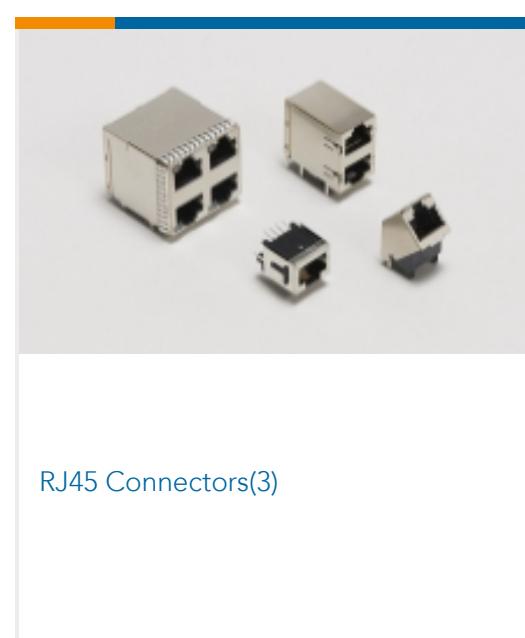
RJ14 Connectors(1)



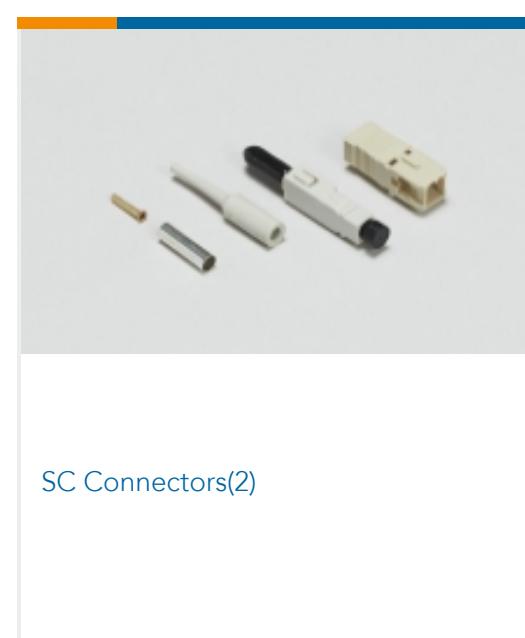
RJ22 Connectors(1)



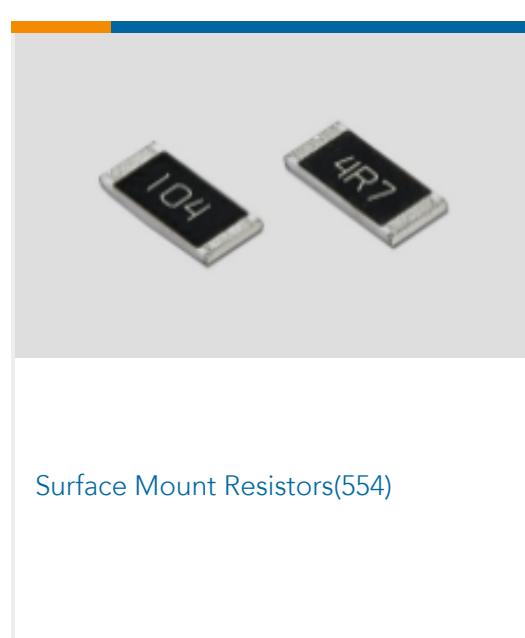
RJ25 Connectors(1)



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 # 3-1622820-5
3520 2R7 5%TE Part # 1-2176177-9
CRGH0603 1% 4K7 0.2WTE Part # 2118709-2
1 PC STD SHIELD, CRS-32.00X32.00X6.00MMTE Part # 1-2314878-0
10P,2MM,B-B,REC,SRVT,2.7,0.76AU,TBTE Part # 5-103080-1
03 MODII HDR SRST SHRD .100CLTE Part # 532436-1
HDI PIN ASSY 4 ROW 100 POSTE 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_igs.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