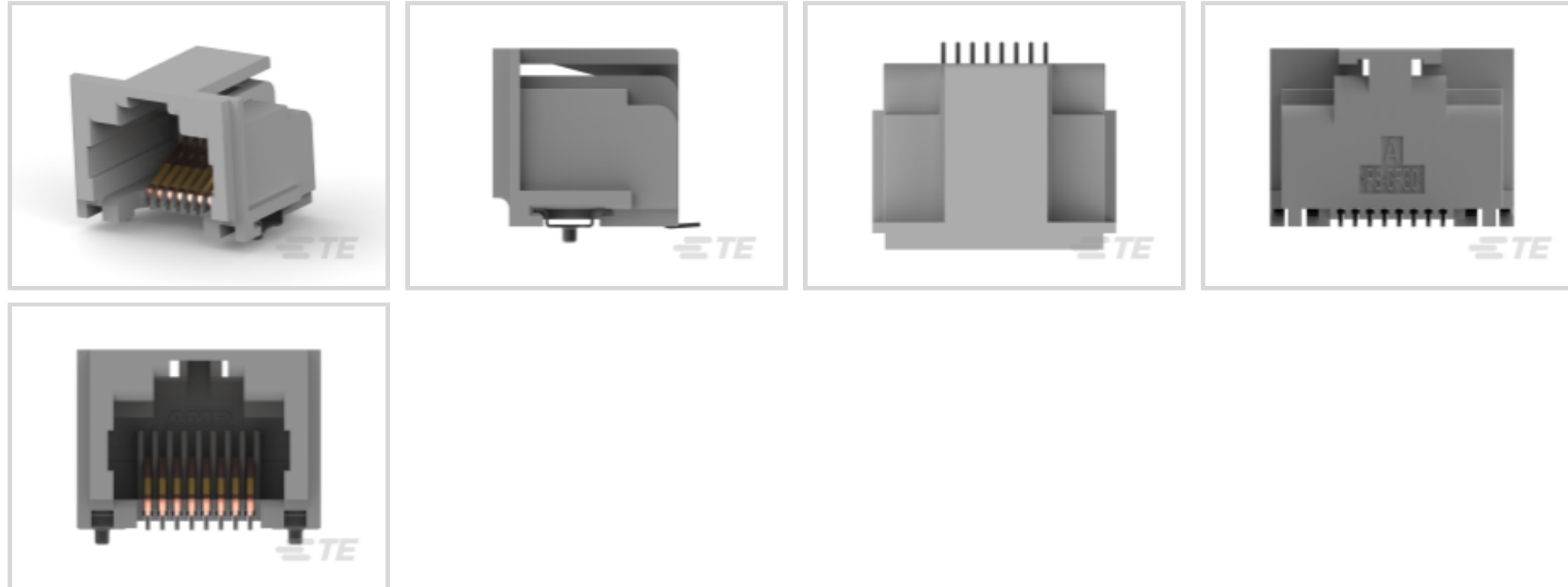# 5406721-2 ✓ ACTIVE

CGS SM

TE Internal #: 5406721-2

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

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	None
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Status Indicator Type	None
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

Body Features

PCB Retention Feature Material	Phosphor Bronze
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Low

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
Termination Post & Tail Length	1.52 mm[.059 in]

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Panel Stops
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Gray
Housing Material	High Temperature Thermoplastic

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	12.4 mm[.488 in]

Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

5406721-2

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

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

Packaging Features

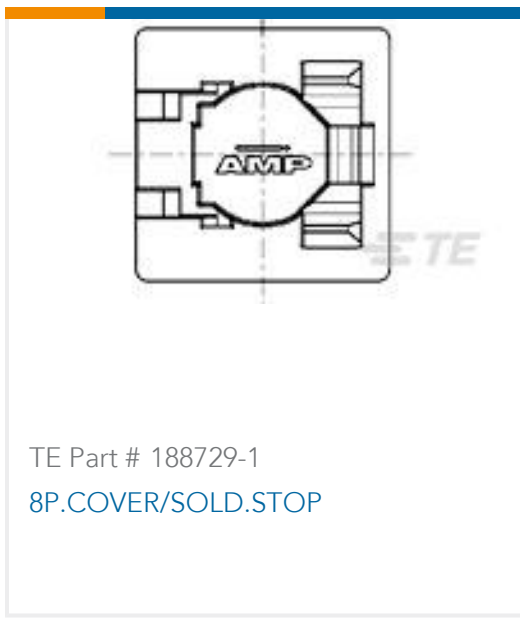| Packaging Quantity	200
Packaging Method	Tape & Reel

Product Compliance

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

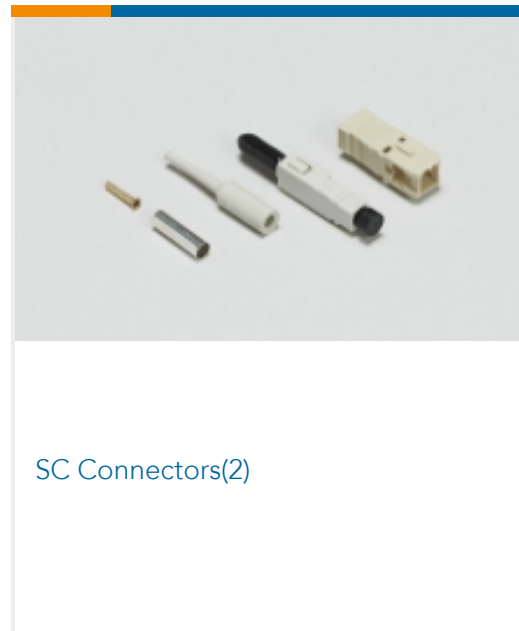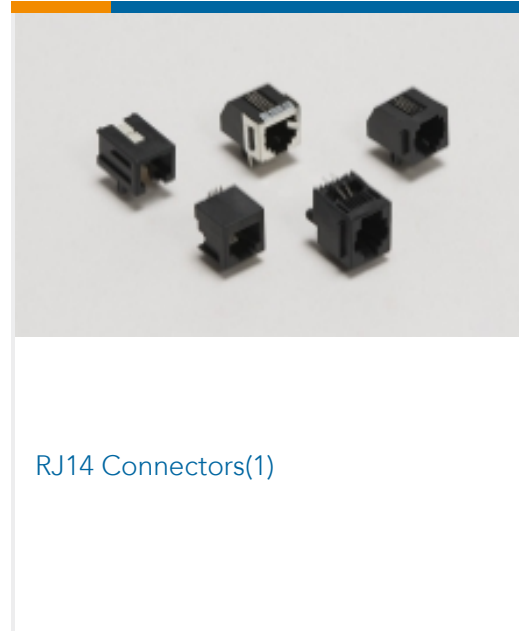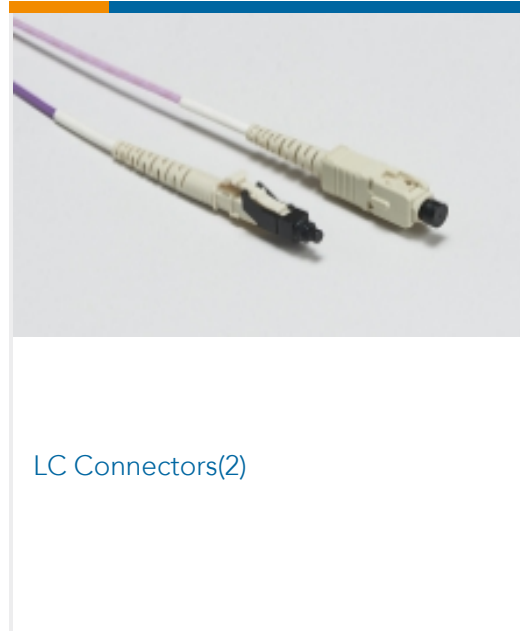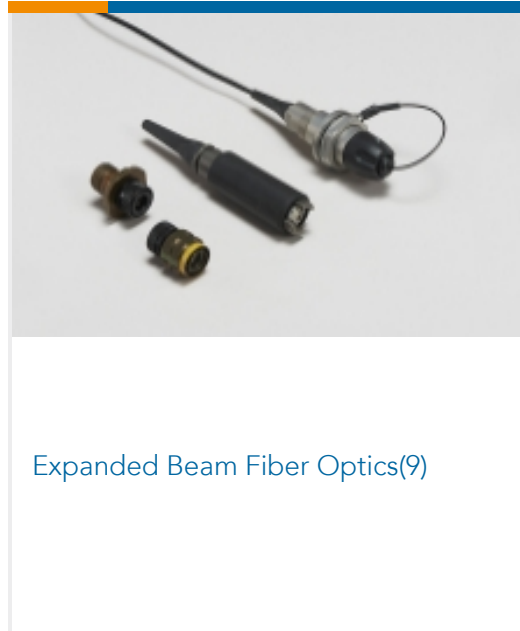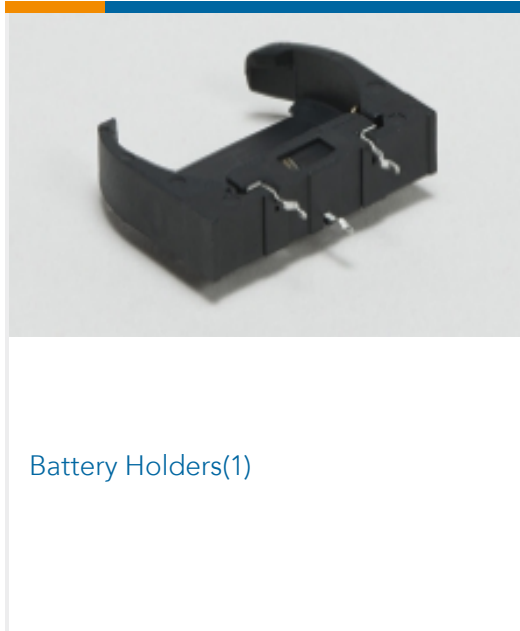| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does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

5406721-2

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

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

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 #643429-1
15P UMNL HDR ASSY POL

TE Part #6-103735-3
14 MTE HDR SRST LATCH .100CL

TE Part #2-1445091-3
MICRO MNL HDR ASSY S/ROW AU LF

TE Part #5-103904-2
3 MTE HDR SRRA LATCH W/HLDWN

5406721-2

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
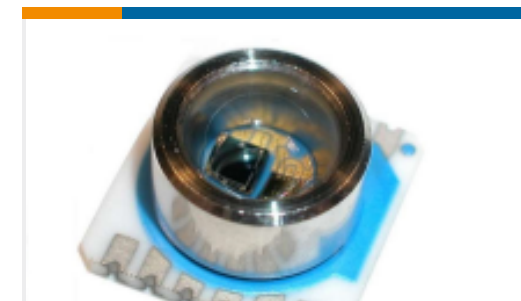Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

TE Part #292227-4
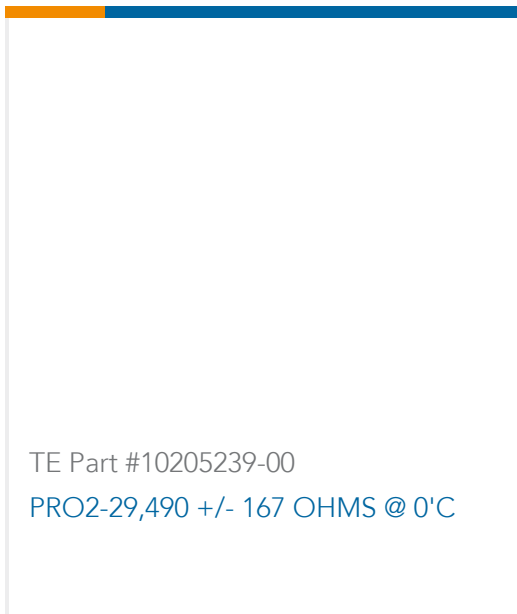1.5 MINI CT SGL H SMT W BOSS 4

TE Part #826630-2
2P AMPMODU II STIFT LEI

TE Part #2-1734346-1
STD USB TYPE B, R/A, SMT

TE Part #325534009-00
MS5534 01 BA PRESSURE SENSOR W GEL

TE Part #10205239-00
PRO2-29,490 +/- 167 OHMS @ 0'C

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5406721-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5406721-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5406721-2_E.3d_stp.zip

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

1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

5406721-2

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, CGS SM

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals
UL Report

English