CGS TE, OEG Miniature Relay PCF

TE Internal #: 6116202-6

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 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
PCB Mount Orientation	Vertical

Body Features

PCB Ground Tab Location	3.89 mm[.153 in]
Shield Plating Material	Tin

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Shield Material	Copper Zinc Alloy
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

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	1.27 µm[50 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	3.99 mm[.157 in]

Mechanical Attachment

Panel Mount Feature	With
PCB Mount Retention Type	Action/Compliant Tail
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Natural
Housing Material	Thermoplastic

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	16.63 mm[.655 in]

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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Performance Category	Cat 5

Packaging Features

Packaging Quantity	27
Packaging Method	Box & Tube, Tube

Other

Modular Jacks & Plugs Comment	Compliant pins on contact termination ends.

Product Compliance

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

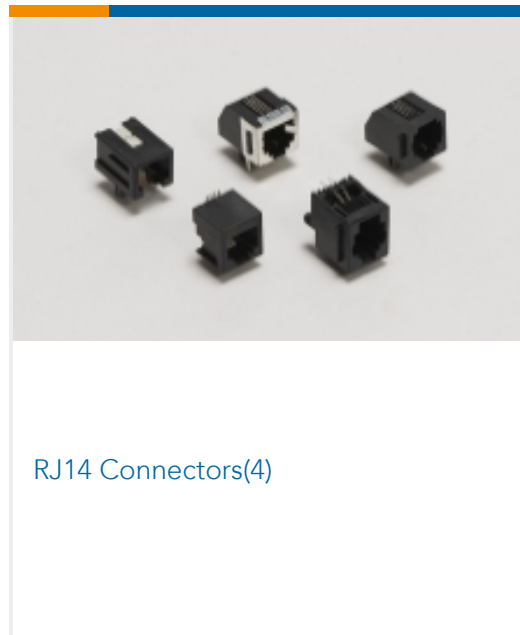|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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
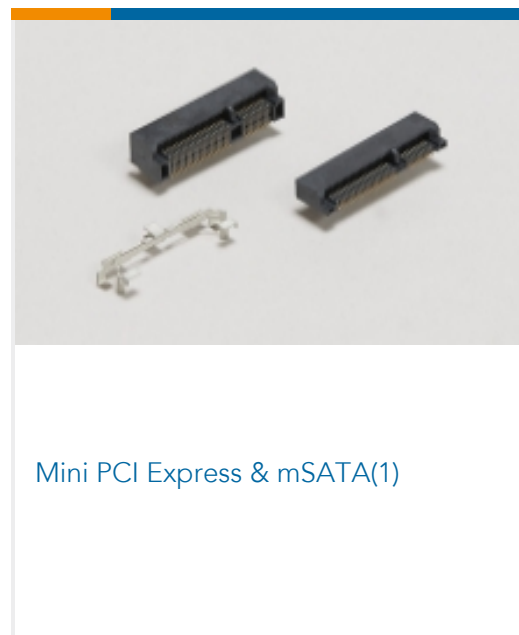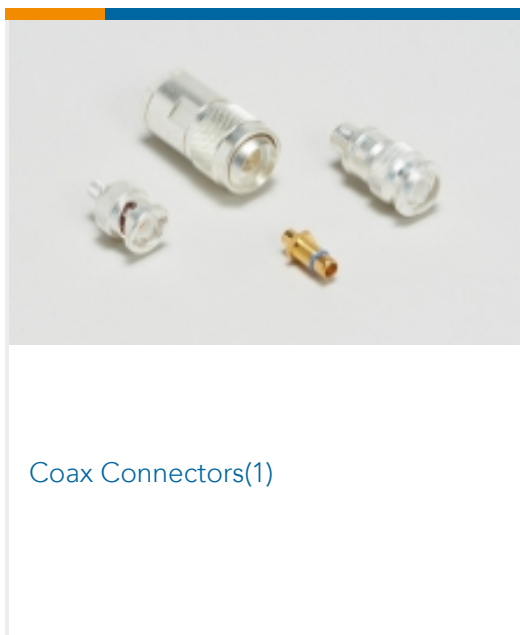requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-
reach

Compatible Parts

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

Also in the Series | CGS TE

Chassis Mount Resistors(750)

RJ11 Connectors(1)

RJ14 Connectors(4)

RJ22 Connectors(5)
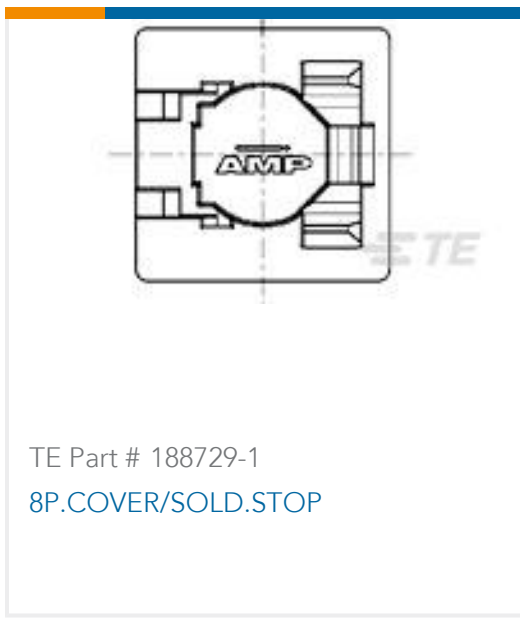
RJ25 Connectors(4)

RJ45 Connectors(30)

Also in the Series | OEG Miniature Relay PCF

Coax Connectors(1)

Combo Jacks(1)

IDC D-Sub Connectors(1)

Mini PCI Express & mSATA(1)

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RJ14 Connectors(2)

RJ22 Connectors(1)

RJ25 Connectors(8)

RJ45 Connectors(69)
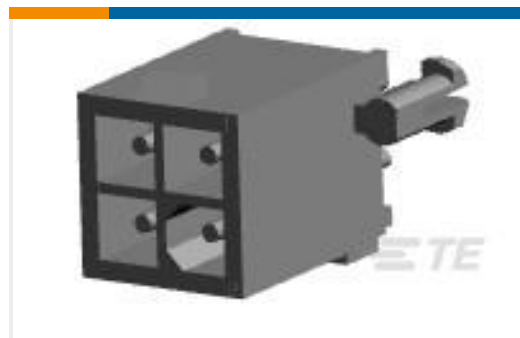

Wire-to-Board Connector Contacts(1)

Customers Also Bought

TE Part #2176117-6
TLR 1206 1.0W R004 1% 50PPM 2K RL

TE Part #641975-1
15P UMNL PIN HDR ASSY POL NATL

TE Part #1-770174-0
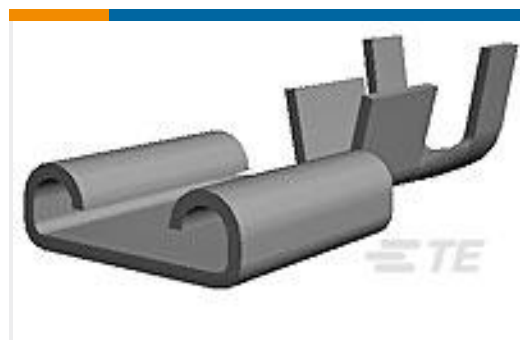04P MINI-UMNL ASSY V0 SNNI*

TE Part #42752-2
RING CRIMP 16-14 AWG TPBR

TE Part #2102772-2
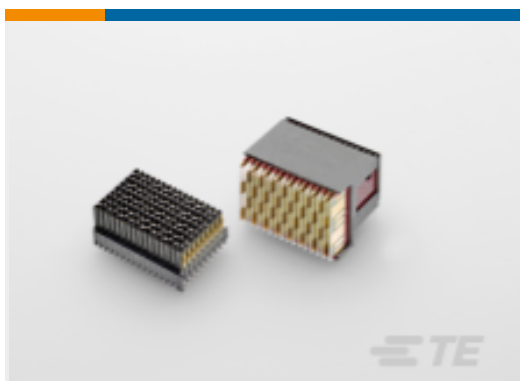Plug Assy, R Angle, 7Row, Left, MG, RUG

TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW

TE Part #2-160256-2
250 FASTON,REC.,17-14 AWG,TPBR

TE Part #1-1649329-3
RT424012

TE Part #2302785-2
RA PLUG ASSY,7ROW,CENTER,VPX, MG RT3

Documents

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Product Drawings

MJ,TE,8P,COMPL.PIN,CAT5,PC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6116202-6_D_c-6116202-6-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6116202-6_D_c-6116202-6-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6116202-6_D_c-6116202-6-d.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English