6116202-2 ✔ ACTIVE

OEG Miniature Relay PCF, CGS TE

TE Internal #: 6116202-2

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Cat 5, Inverted - Latch Up, 8 Position, Standard Profile, 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

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

Signal Characteristics

Data Rate	.01 Gb/s, .1 Gb/s

Body Features

Shield Plating Material	Tin
Shield Material	Copper Zinc Alloy

PCB Ground Tab Location	3.89 mm[.153 in]
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 (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to PCB	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

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	29
Packaging Method	Box & Tube, Loose Piece, Tube

Product Compliance

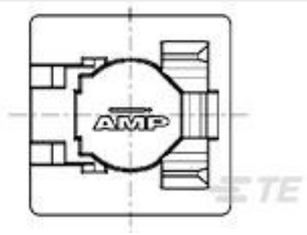
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



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

Also in the Series | OEG Miniature Relay PCF



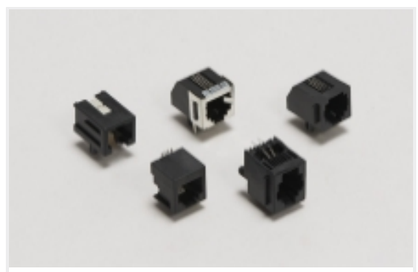
Combo Jacks(1)



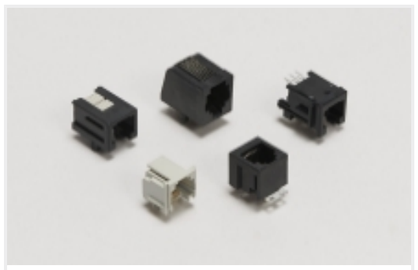
Connector Contacts(1)



Power Contacts(1)

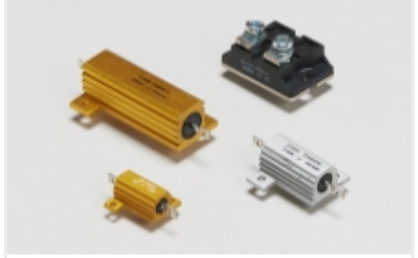


RJ14 Connectors(4)



RJ25 Connectors(4)

Also in the Series | CGS TE



Chassis Mount Resistors(667)



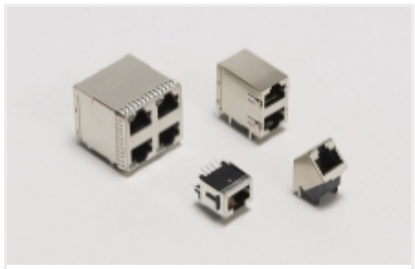
RJ14 Connectors(4)



RJ22 Connectors(2)



RJ25 Connectors(4)

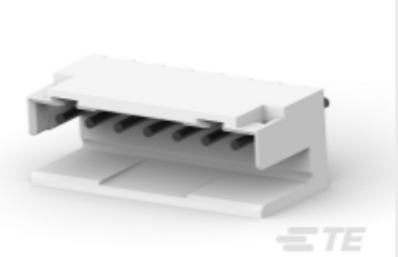


RJ45 Connectors(27)

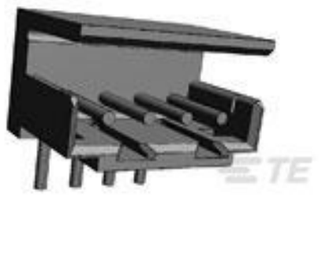
Customers Also Bought



TE Part #T4140512041-000
M12,REAR MOUNTING,MALE,D CODE,4P



TE Part #CAT-AM7017-H342
AMP COMMON TERMINATION HEADERS



TE Part #292250-5
CT P/HDR BOX H ASSY 5P W/KINK



TE Part #1-292250-1
CT P/HDR BOX H ASSY 11P W/KINK



TE Part #1-480763-0
05P UMNL PLUG HSG NATL



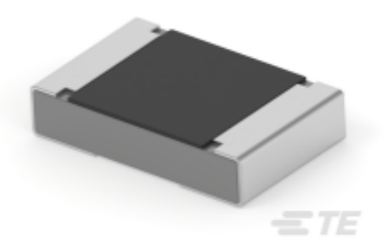
TE Part #1318108-1
DYNAMIC D-2000 REC CONT S L/P



TE Part #7-1393250-1
W28-XT1A-6=W28



TE Part #1903116-2
DYNAMIC D1000 TAB CONT AU 0.38 um M L/P



TE Part #1-2176482-7
RA73F 2A 75R 0.1% 5K RL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6116202-2_C_c-6116202-2-c.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6116202-2_C_c-6116202-2-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6116202-2_C_c-6116202-2-c.3d_stp.zip

English

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Product Specifications

Application Specification

English