

6116125-1 ✓ ACTIVE

OEG Miniature Relay PCF

TE Internal #: 6116125-1

RJ45 Connector, Multiple Ports, 1 x 4, Jack, Shielded, Cat 3,
Standard - Latch Down, 8 Position, Standard Profile, OEG Miniature
Relay PCF

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Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 4**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Packaging Features

Packaging Quantity	20
Packaging Method	Tray, Box & Tray

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A, .2 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Body Features

LED Color (Bottom Left)	Green
LED Color (Bottom Right)	Yellow
Shield Plating Material	Tin over Copper
Shield Material	Copper Zinc Alloy
PCB Ground Tab Location	-3.05 mm[-.12 in]



Modular Jack Latch Orientation	Standard - Latch Down
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Connector Profile	Standard
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Industry Standards

UL Flammability Rating	UL 94V-0
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Performance Category	Cat 3
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Operation/Application

Indicator Type	LED
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Shielded	Yes
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Circuit Application	Signal
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Configuration Features

Number of PCB Ground Tabs	5
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Number of Panel Ground Tabs	12
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Multiple Port Configuration	Ganged
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Port Configuration	Multiple Ports
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Port Matrix Configuration	1 x 4
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Connector Contact Density	Standard
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Number of Positions	8
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Number of Loaded Positions	8
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PCB Mount Orientation	Right Angle
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Product Type Features

Connector Product Type	Connector Assembly
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Modular Jack & Plug Interface Type	RJ45
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Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
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Modular Connector Style	Jack
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Grounding Options	PCB and Panel Ground
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Connector & Contact Terminates To	Printed Circuit Board
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	2.79 mm[.11 in]
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Housing Features

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

Dimensions

Connector Height	13.64 mm[.537 in]
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

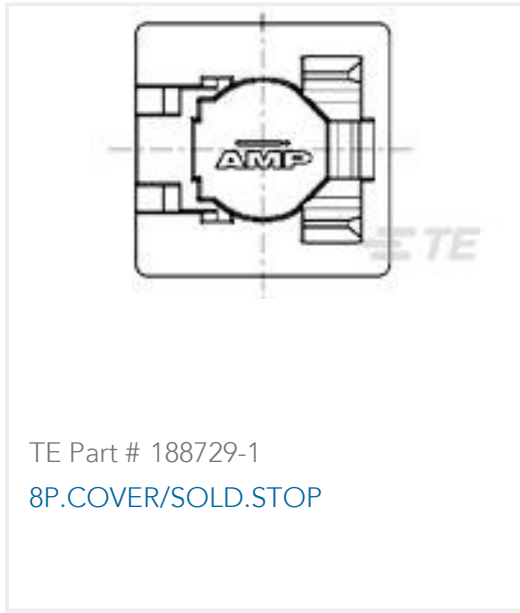
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

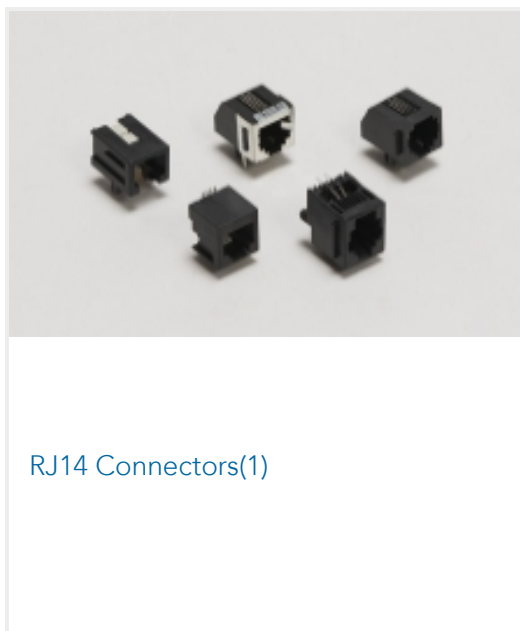
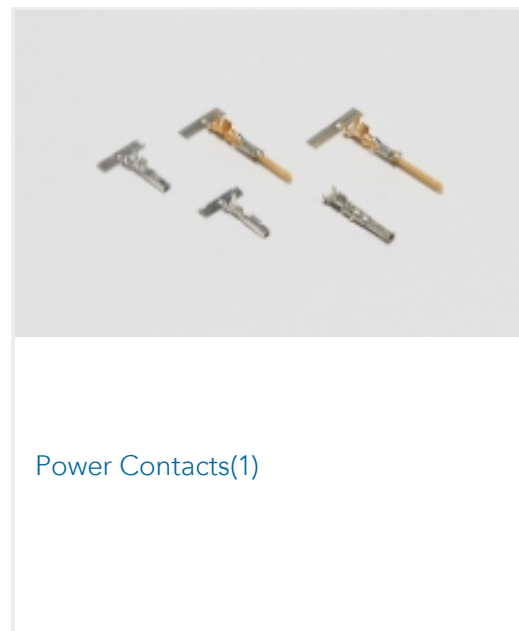
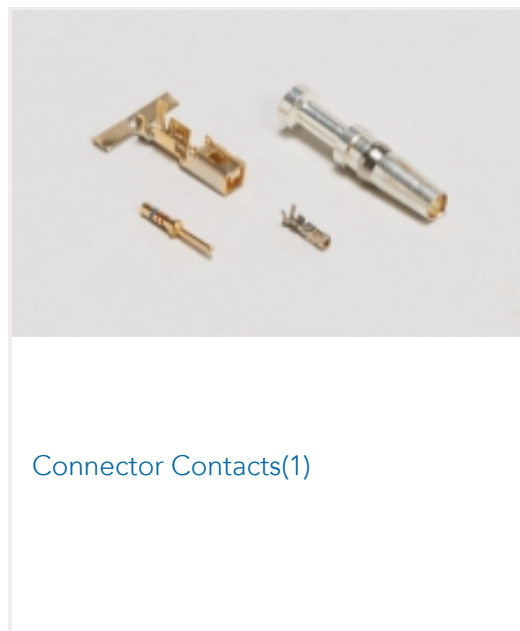
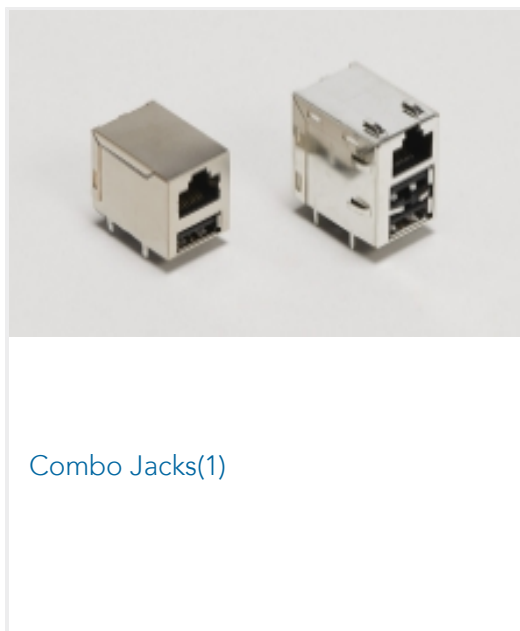
Product Compliance Disclaimer

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>

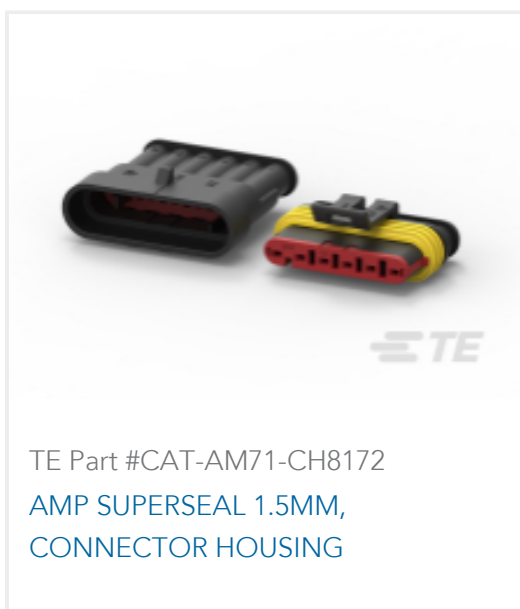
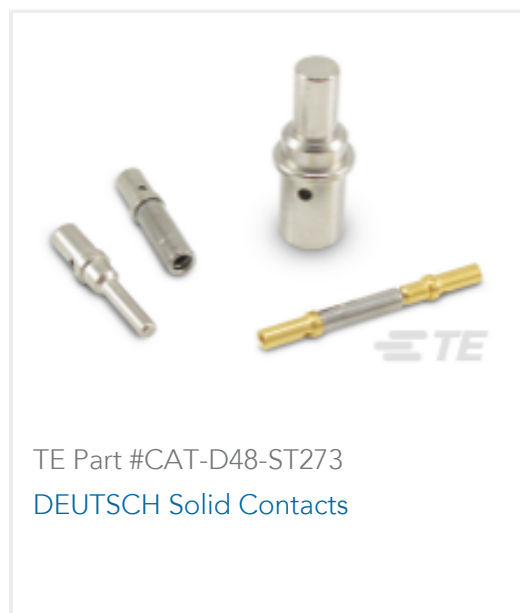
Compatible Parts



Also in the Series | OEG Miniature Relay PCF



Customers Also Bought





Documents

Product Drawings

[MJ,4 PORT,8POS,GRN&YLW LEDS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_6116125-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6116125-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_6116125-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English