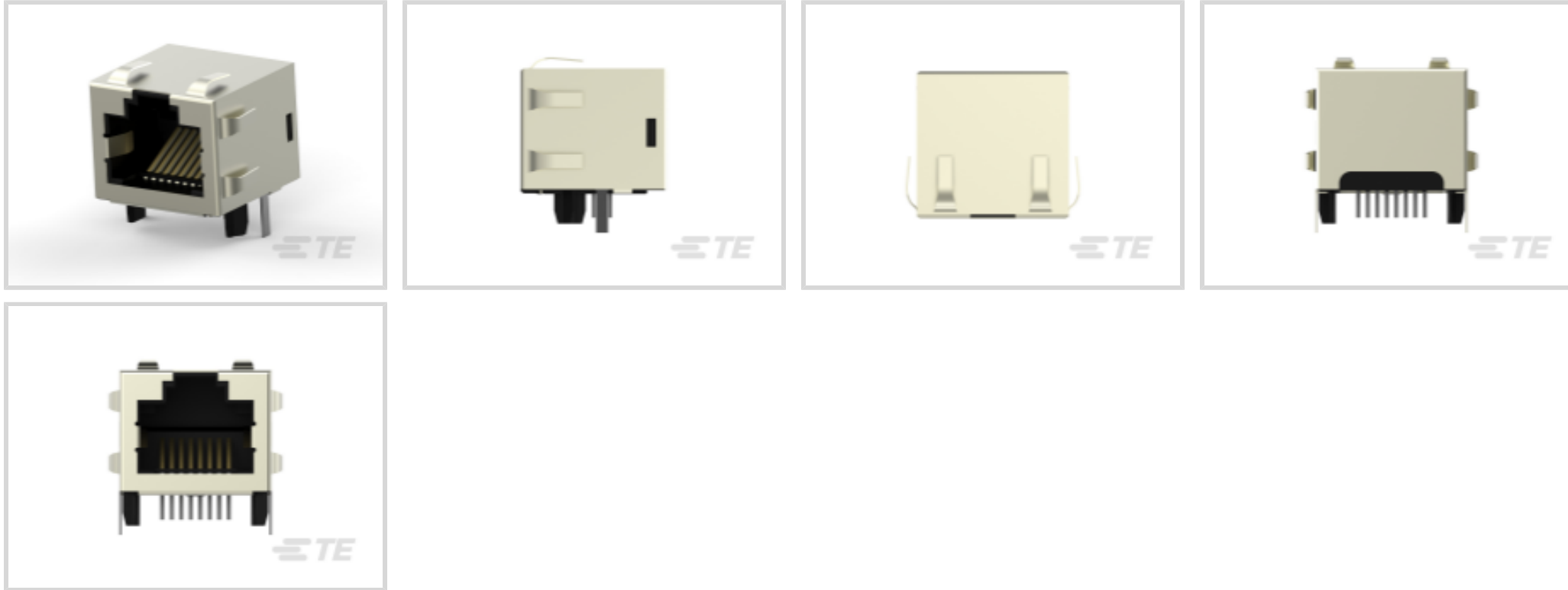




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Packaging Features

Packaging Quantity	441
Packaging Method	Tray, Box & Tray

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.34 mm[.525 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
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
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Contact Mating Area Plating Material Thickness	.36 μm [15 μin]
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Body Features

Shield Plating Finish	Satin
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Shield Plating Material	Nickel
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Shield Material	Copper Alloy
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PCB Ground Tab Location	-3.43 mm[-.135 in]
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Modular Jack Latch Orientation	Inverted - Latch Up
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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 5
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Operation/Application

Indicator Type	No Indicator
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Shielded	Yes
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Circuit Application	Signal
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Configuration Features

Number of PCB Ground Tabs	2
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Panel Ground Location	Top and Side
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Port Configuration	Single Port
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Port Matrix Configuration	1 x 1
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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
Termination Post & Tail Length	3.05 mm[.12 in]

Housing Features

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

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

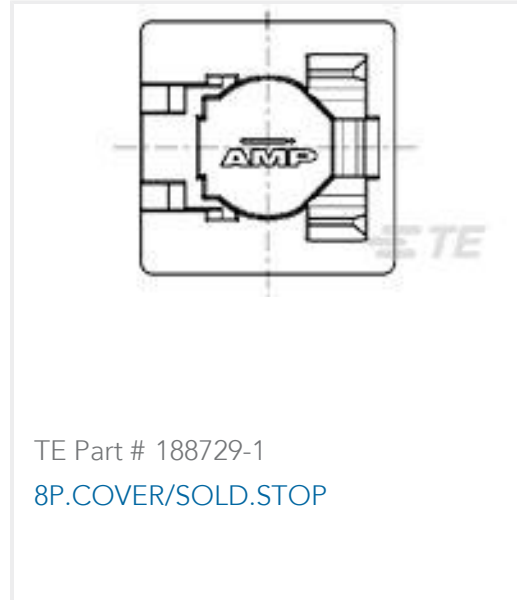
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



Customers Also Bought



Documents

Product Drawings

[MJ,INV,1X1,6PNL G,.100"ST,SN](#)

English

CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1-406541-9_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-406541-9_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-406541-9_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English