

216811-1 ✓ ACTIVE

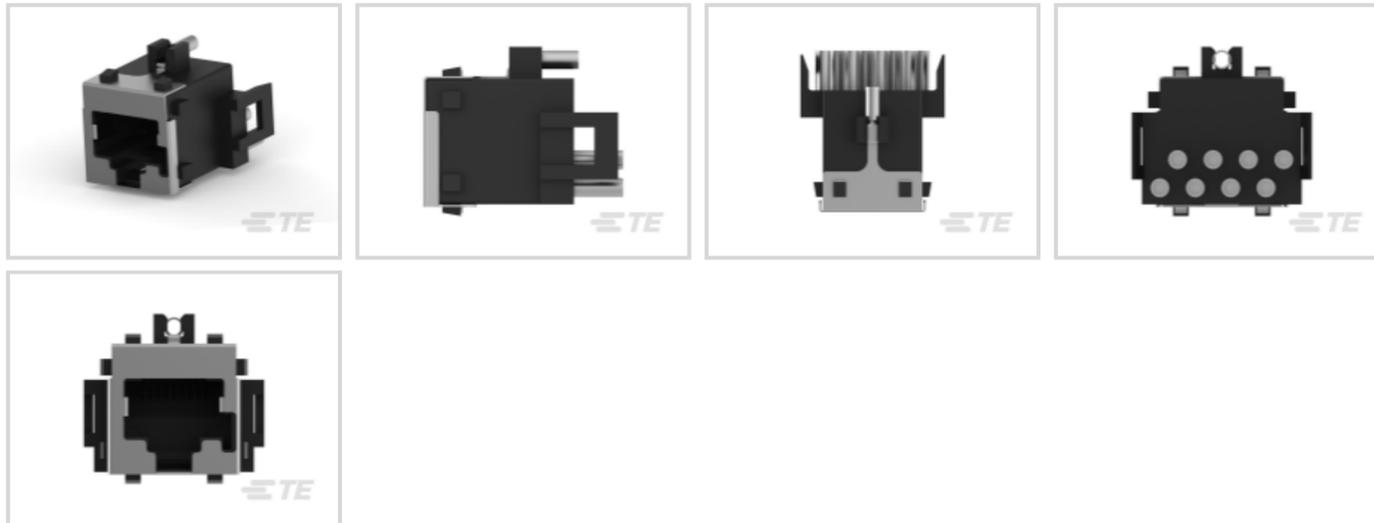
TE Internal #: 216811-1

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs,
Standard Connector Contact Density, Jack, Shielded, Cat 3,
Standard - Latch Down

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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

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	Vertical

Body Features



Shield Plating Material	Tin
Shield Material	Brass
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.25 μm [49.21 μin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

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

Dimensions

Connector Height	19 mm[.748 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 $^{\circ}\text{C}$ [-40 – 185 $^{\circ}\text{F}$]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB
Performance Category	Cat 3

Packaging Features

Packaging Quantity	500
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Packaging Method

Box

Product Compliance

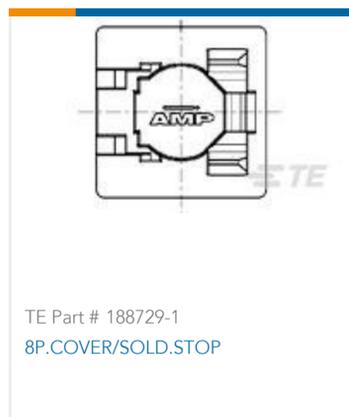
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JUN 2016 (169) 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



Documents

Product Drawings
[8P. TOOLLESS MOD J.](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_216811-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_216811-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_216811-1_F.3d_stp.zip](#)

English

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Agency Approvals

UL Report

English