

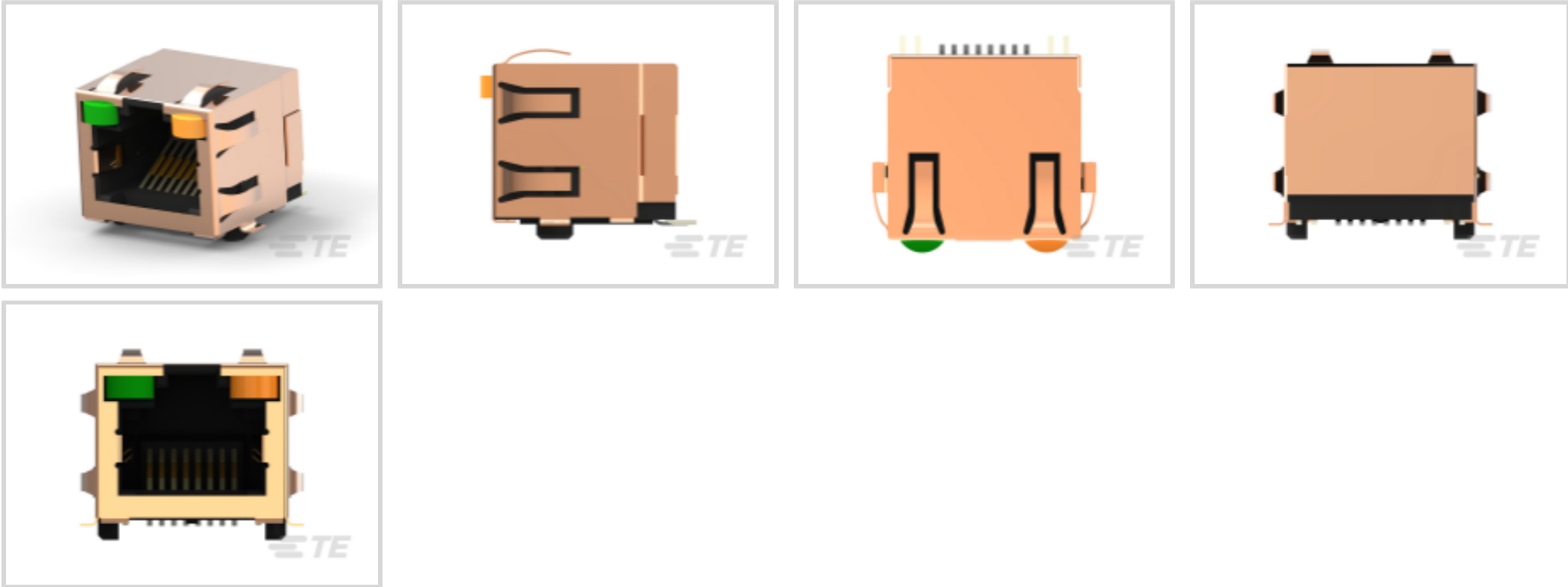


TE Internal #: 2-6339191-1

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Cat 5, Inverted - Latch Up, 8 Position, Standard Profile, Surface Mount, Right Angle, Side Entry

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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	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
Panel Ground Location	Top and Side
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	Right Angle



Body Features

Shield Plating Material	Tin
Shield Plating Finish	Matte
Shield Material	Copper Alloy
LED Color (Top Right)	Orange
LED Color (Top Left)	Green
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

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
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	Surface Mount
Termination Post & Tail Length	.86 mm[.03 in]

Mechanical Attachment

Panel Mount Feature	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.35 mm[.525 in]

Usage Conditions



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

Indicator Type	LED
Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	200
Packaging Method	Reel

Product Compliance

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

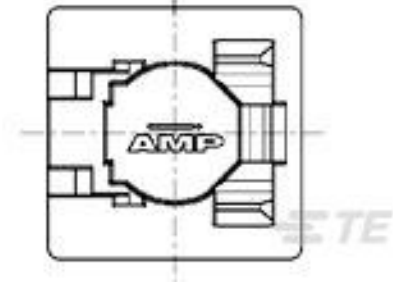
EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) 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	Reflow solder capable to 245°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>

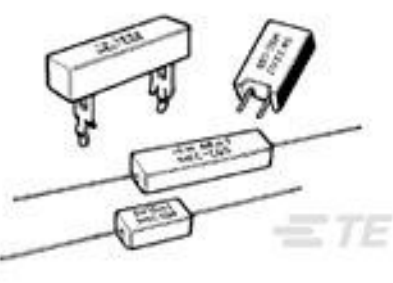


Compatible Parts



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

Customers Also Bought



TE Part #1-1623788-7
SQM5 68R 5% (WIRE)



TE Part #2336682-1
2MM HM FEMALE ASSY, COL8



TE Part #5208010-2
HD-20 PLUG 50P VERT



TE Part #ZPF000000000001197
097-0013-16



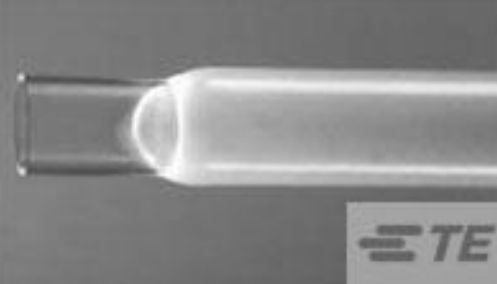
TE Part #ZPF0000000000100072
FDDBA 50H 12-10 PN-K-A276A



TE Part #2-1415036-1
PTMG0024



TE Part #9-1616990-1
K500A1E2=CONTACTOR 500 AMP
SPST TD ON OP



TE Part #5950062006
TFE-20-X-STK



TE Part #9-2176070-6
3521 91K 1% 2W

TE Part #ZPF000000000001469
104-0001-09

Documents

Product Drawings
MJ,RJ4,5SM,TSHLD,LED (G/O)

English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English