

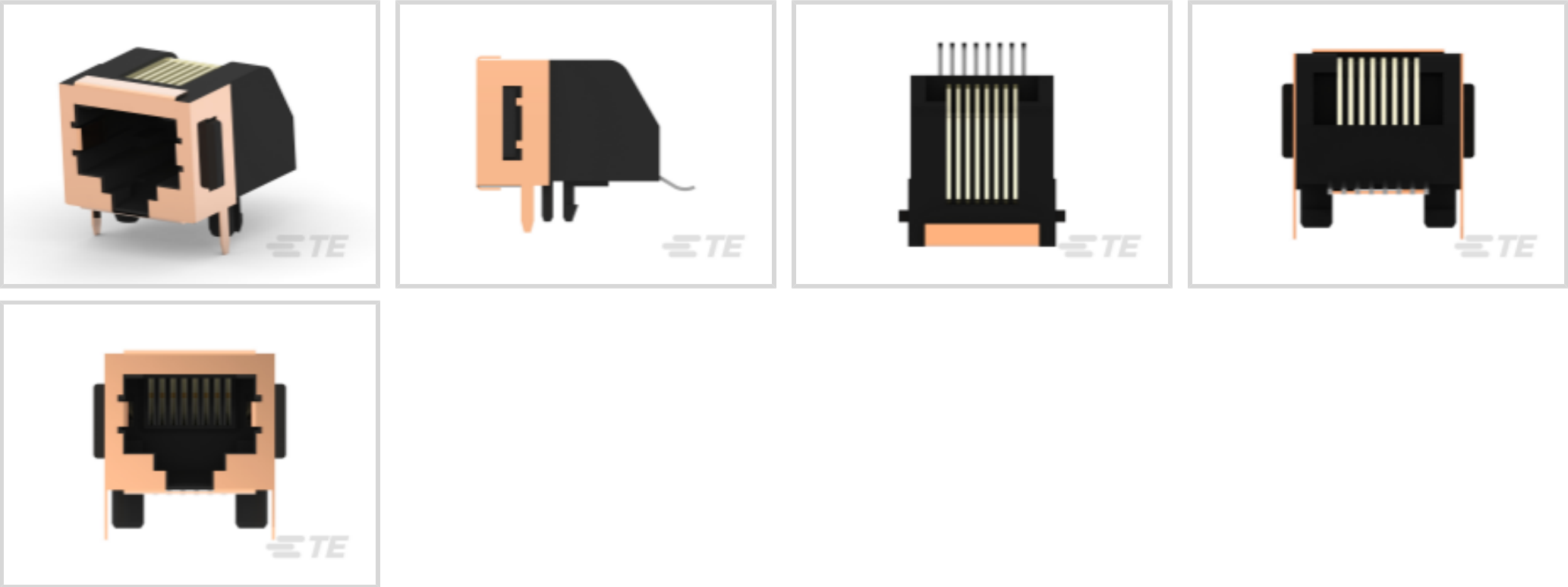


TE Internal #: 5558178-1

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

[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

Connectors & Connector Components Type	Connector
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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator Type	None
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle



Body Features

Shield Plating Material	Tin
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Low

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
Termination Post & Tail Length	3.56 mm[.14 in]

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Panel Stops
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	12.57 mm[.495 in]

Usage Conditions

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

Shielded	Yes
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Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Performance Category	Cat 3
Packaging Features	
Packaging Quantity	136
Packaging Method	Box & Tray, Tray

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: JAN 2021 (211) 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	Reflow solder capable to 260°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 # 1-1734580-1
MOD-Jack,RJ45, 10P10C, SHD LP, 6u" Au

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

Customers Also Bought

TE Part #1761608-3
IDC LOW PRO HDR 10P VERT SHT L

TE Part #1-770968-1
04P MINI UMNL R/A HDR ASSY LF

TE Part #1676324-2
RN 0805 3K16 0.1% 10PPM 1KRL

TE Part #641775-1
04P UMNL STR/REL & INSRT NATL

TE Part #103327-3
03 MODII HDR SRST B/A .100CL

TE Part #1887213-4
XT484S15

TE Part #1-770874-1
04P MINI UMNL HDR ASSY AU LF

TE Part #1-794078-0
22P MINI UMNL HDR W/O DH SN LF

TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF

Documents

Product Drawings

MJ,R/A,SMT,8P,PCB GRD,PIN STOP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5558178-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5558178-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5558178-1_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section](#)

English

[1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[MD_5558178-1_052320181227_dmtec](#)

English

[MD_5558178-1_052320181227_dmtec](#)

English