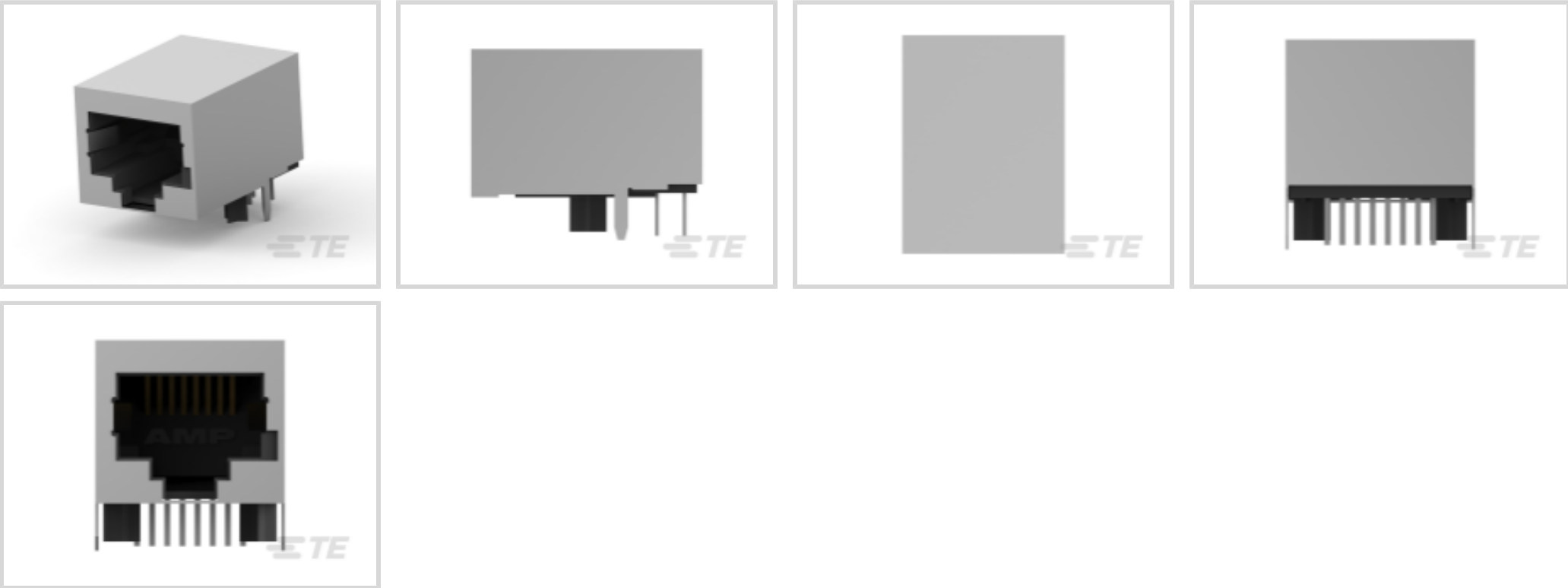




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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	PCB Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
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	
PCB Ground Tab Location	-3.05 mm[-.12 in]
Shield Plating Material	Tin over Nickel
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard
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	Through Hole - Solder
Termination Post & Tail Length	3.56 mm[.14 in]
Mechanical Attachment	
Panel Mount Feature	With
Connector Mounting Type	Board Mount
Housing Features	
Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	Nylon
Dimensions	
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.63 mm[.537 in]
Usage Conditions	
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
Operation/Application	



Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	80
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	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



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

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

Customers Also Bought

TE Part #1871058-4
PCI EXPRESS CONN. EON TYPE, 16

TE Part #1734577-4
MOD-JK,8P8C,SHD W/LED, G/Y,50U"

TE Part #1-1469373-1
ATCA GUIDE MODULE RA FEMALE

TE Part #1871058-3
PCI EXPRESS CONN. EON TYPE, 98

TE Part #1586515-2
04P CMNL HDR ASSY PC UL94 LF

TE Part #1734248-8
1.0 FPC, ZIF V/T, SMT, 8P

TE Part #1-826629-4
14P AMPMODU II HEADER

TE Part #826634-8
08P MODU 2 PIN HDR

TE Part #1-192046-6
LAV 0.15mm(.006) GOLD

TE Part #1776302-1
TSB100001DS=EUROPA TM BLK, 12MM

Documents

Product Drawings

MJ ASSY,8POS,R/A,SHLD,CAT5e

English

CAD Files

Customer View Model

ENG_CVM_6116526-1_B1.3d_igs.zip

English

Customer View Model



[ENG_CVM_6116526-1_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_6116526-1_B1.2d_dxf.zip](#)

English

3D PDF

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

Product Environmental Compliance

[MD_6116526-1_0423201822_dmtec](#)

English

[MD_6116526-1_0423201822_dmtec](#)

English

Agency Approvals

[UL Report](#)

English