



TE Internal #: 5558341-1

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Jack, Cat 5, Standard - Latch Down, None Status Indicator, 8 Position

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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

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

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, 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	13.39 mm[.527 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Performance Category

Cat 5

Packaging Features

Packaging Method	Box & Tray, Tray
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Product Compliance

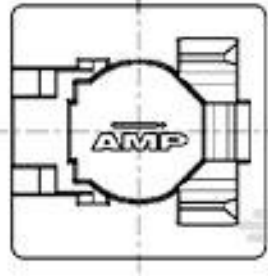
For compliance documentation, visit the product page on TE.com>

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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

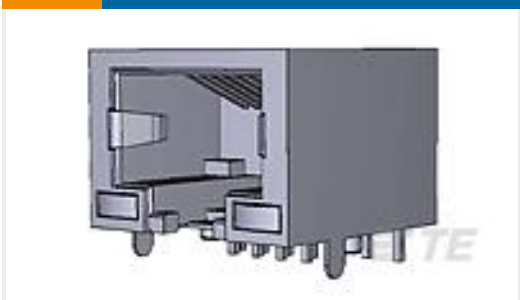
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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
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Customers Also Bought



 TE Part #5553813-3 ASSY,EMI RCPT,50 POSN,SCR LK	 TE Part #3-5177986-3 0.8FH,P08H.5,080,08/Sn,TR,SC	 TE Part #2821222-2 SFP28 DIRECT ATTACH CA, 2M, 30AWG	 TE Part #4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG
 TE Part #1734324-3 RJ45,8P8C,w/ Y,G LED,shieled,dip, 30u" Au	 TE Part #9-1879212-5 CPF 0402 23R2 0.1% 25PPM 1K RL	 TE Part #1963850-2 XFP. MSA HEATSINK 10mm TALL	 TE Part #2-2176362-2 RQ 0402 66R5 0.1% 10PPM 5K RL
 TE Part #3-2176362-4 RQ 0402 88R7 0.1% 10PPM 5K RL	 TE Part #2-2176369-2 RQ 0603 66R5 0.1% 10PPM 5K RL		

Documents

Product Drawings
MJ,8POS,R/A,CAT 5e

English

CAD Files
Customer View Model
ENG_CVM_CVM_5558341-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5558341-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5558341-1_A.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

Product Environmental Compliance

MD_5558341-1_051420181449_dmtec

English

MD_5558341-1_051420181449_dmtec

English

Agency Approvals

UL Report

English