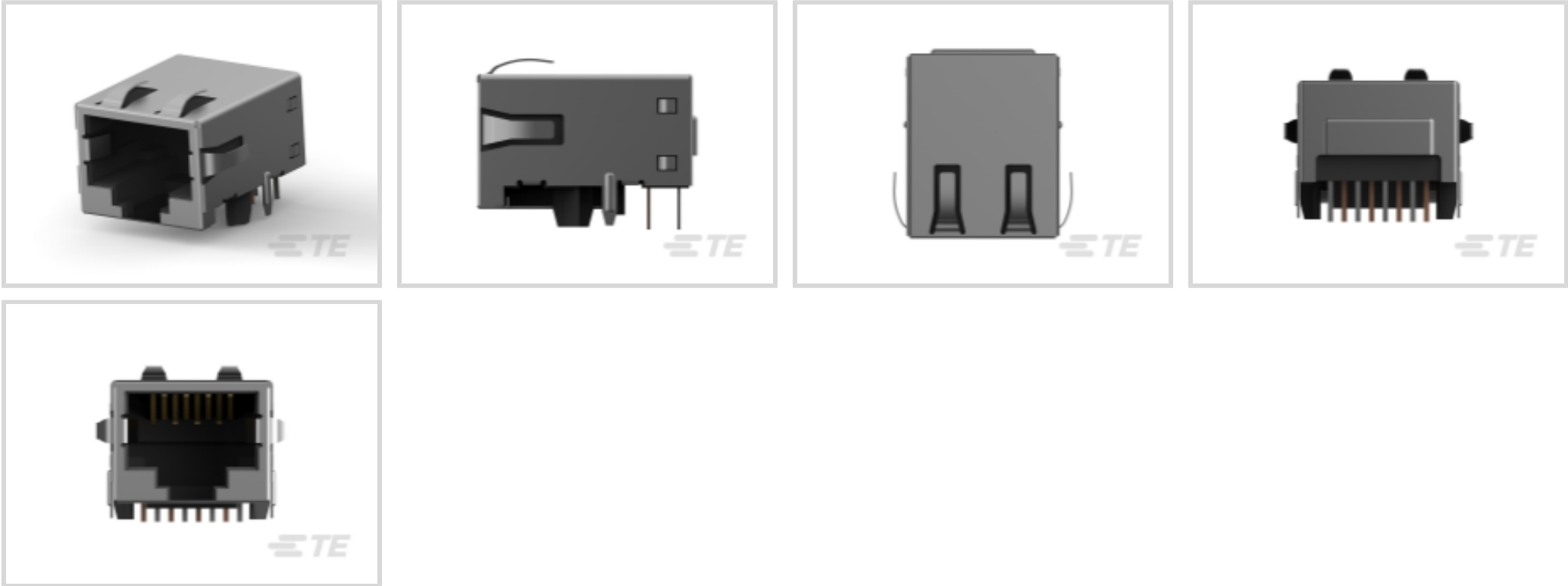




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Packaging Features

Packaging Quantity	396
Packaging Method	Box, Box & Tray

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

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, .2 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Body Features

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Shield Plating Material	Tin
Shield Plating Finish	Bright
Shield Material	Brass
PCB Ground Tab Location	4.57 mm[.18 in]
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Industry Standards

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

Operation/Application

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Configuration Features

Number of PCB Ground Tabs	2
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

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 Ground
Connector & Contact Terminates To	Printed Circuit Board

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.48 mm[.137 in]

Housing Features

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

Dimensions

Connector Height	9.58 mm[.376 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

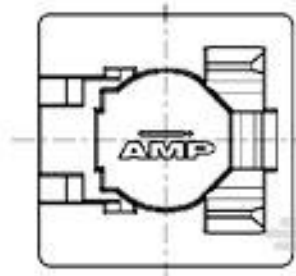
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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>

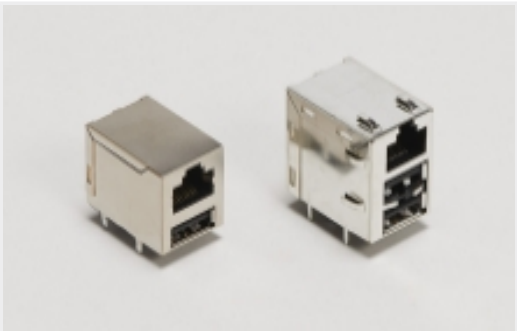


Compatible Parts




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


Also in the Series | OEG Miniature Relay PCF




Combo Jacks(1)




Connector Contacts(1)




Mini PCI Express & mSATA(1)




Power Contacts(1)



RJ14 Connectors(1)




RJ22 Connectors(1)




RJ25 Connectors(8)


Customers Also Bought




TE Part #1318126-2
DYNAMIC D2100 HDR V ASSY 12P Y



TE Part #1-1571983-0
GDH08S04=DIP SWITCH

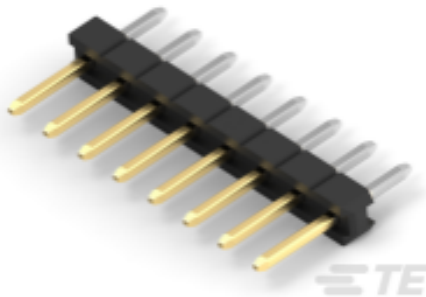


TE Part #5558310-1
MOD/JK,ASSY,8 POS,R/A,KEY/SHLD




TE Part #62527-1
MAG-MATE TERM 31-32.010 TPBR





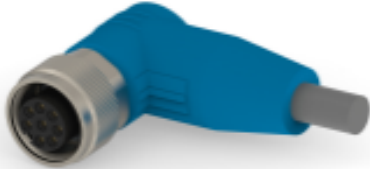
TE Part #1-2355045-0
10P,2MM,BRK HDR,SRVT,2,8,0.1AU,TB



TE Part #1-178140-2
DYNAMIC D3200 HDR V ASSY 6P



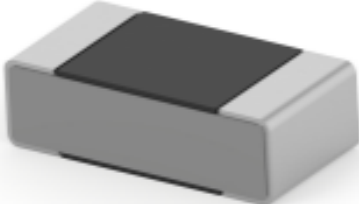
TE Part #171366-1
17P HOR CAP HSG WIRE TO PCB



TE Part #T4151420008-004
RPC-M12-FR-8CON-PUR-3.0



TE Part #5175475-3
CHAMP 050 BTB REC V 30P W/LEG



TE Part #1879125-3
RN 0402 51R1 0.1% 10PPM 5K RL

Documents

Product Drawings
MJ,10MM,8P,SHLD,NOPNL TABS,SN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1888543-2_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1888543-2_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1888543-2_B.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications
Application Specification
English