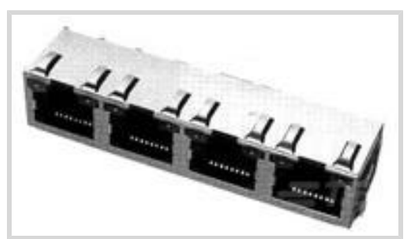
2170359-1 ✔ ACTIVE

TE Internal #: 2170359-1

RJ45 Connector, Multiple Ports, 1 x 4, Jack, Shielded, Cat 5, Inverted - Latch Up, 8 Position, Standard Profile, Through Hole - Solder, Right Angle

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 4**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Packaging Features

Packaging Quantity	128
Packaging Method	Tray, 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	Tin
Contact Current Rating (Max)	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]

Body Features

Shield Plating Material	Tin over Copper
Shield Material	Copper Zinc Alloy
PCB Ground Tab Location	-3.43 mm[-.135 in]
Modular Jack Latch Orientation	Inverted - Latch Up
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
Number of Panel Ground Tabs	12
Multiple Port Configuration	Ganged
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 4
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 and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.54 mm[.1 in]

Housing Features

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

Dimensions

Connector Height	13.35 mm[.525 in]

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

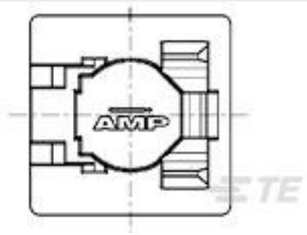
For compliance documentation, visit the product page on TE.com>

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

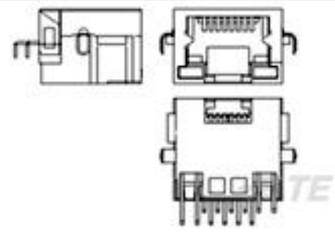


TE Part # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought

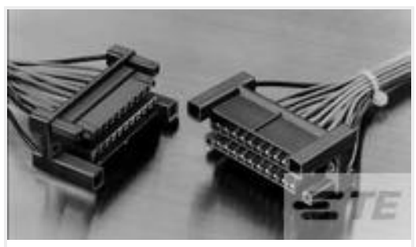
TE Part #2292055-1
RECEPTACLE ASSY RA 50 POSN MBC

TE Part #1888371-1
MJ,2X1RJ45+2USB,BLACK,NOLEDS



TE Part #2041126-1
MODULAR JACK, RJ45, SMT TYPE,AU: 6u''

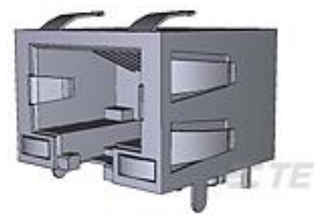
TE Part #2176328-8
CRGP 1206 39R 1%



TE Part #172653-3
DRAWER CONN MALE ASSY 12P

TE Part #2169259-1
SFP+ 1x6 Cage Assy, Extended H

TE Part #2204535-1
ELCON MINI 2X3P STACKED RA HEADER,SOLDER



TE Part #6-1734324-7
RJ45 w/ Y/GO LED PAL GND T&R 30u"

TE Part #2301995-1
RJ45 JACK INT.MAG. 1GB 1X1 VERT.

TE Part #66109-2
III+ SKT,26-24,TIN-LEAD,LP

Documents

Product Drawings

INV MJ,1X4,PNL GRD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170359-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170359-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170359-1_1.3d_stp.zip

English

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Product Specifications

Application Specification

English