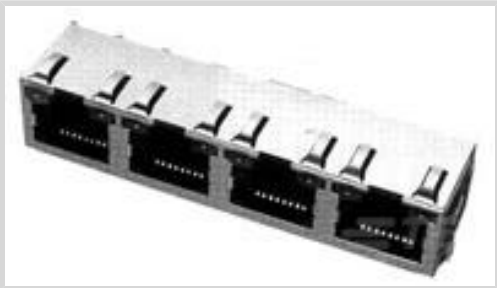




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Product Type Features

Connectors & Connector Components Type	Connector
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

Configuration Features

Number of PCB Ground Tabs	2
Number of Panel Ground Tabs	12
Keyed	No
Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 4
Connector Contact Density	Standard
Multiple Port Configuration	Ganged
Status Indicator	None
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

PCB Ground Tab Location	-3.43 mm[-.135 in]
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Shield Plating Material	Tin over Copper
Shield Material	Copper Zinc Alloy
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

Contact Features

Connector Product Type	Connector Assembly
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]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel

Housing Features

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

Dimensions

PCB Tail Length	2.54 mm[.1 in]
Connector Height	13.35 mm[.525 in]

Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Quantity	128
Packaging Method	Box & Tray, Tray

Other

Comment	Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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

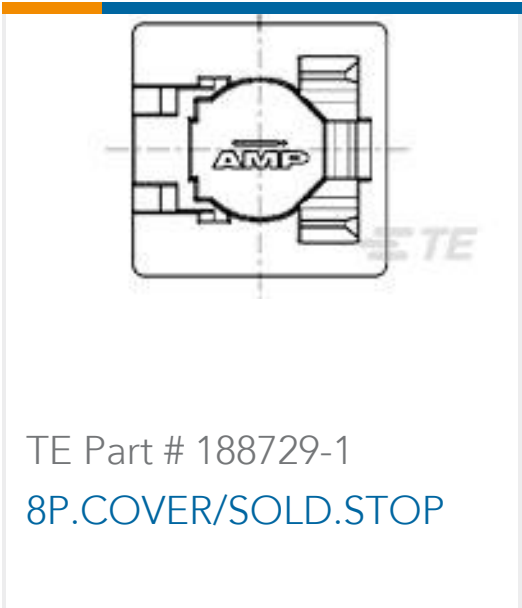
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

INV MJ,1X4,PNL GRD

TE Part # 2170359-1
TE Internal #: 2170359-1



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

Customers Also Bought



TE Part #1-2227303-2
CAGE ASSEMBLY, SFP, .071 TAIL



TE Part #1-5353190-1
.6FHR04H,160,S,GIG,08/Sn,TR,NSNo



TE Part #2170358-1
INV MJ,1X2,PNL GRD,SHLD



TE Part #1-1410279-1
MULTIGIG RT PWR .8" R/A HDR 2P PBFR



TE Part #1-147490-0
NEXT GEN PACE CONN 10POS 1X2CL



TE Part #1-1734264-3
M/J,RJ45,Side,8P8C,R/A,50u" Au, D3.2



TE Part #1-84533-3
1.25MM FFC POST PLATED H 13P



TE Part #1734580-1
MOD-JacK,RJ45, 8P8C,SHD LP, 6u" Au



TE Part #5-147747-5
10 MODIV VRT DR SFMNT 30AU



TE Part #6-147747-0
20 MODIV VRT DR SFMNT 30AU

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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English