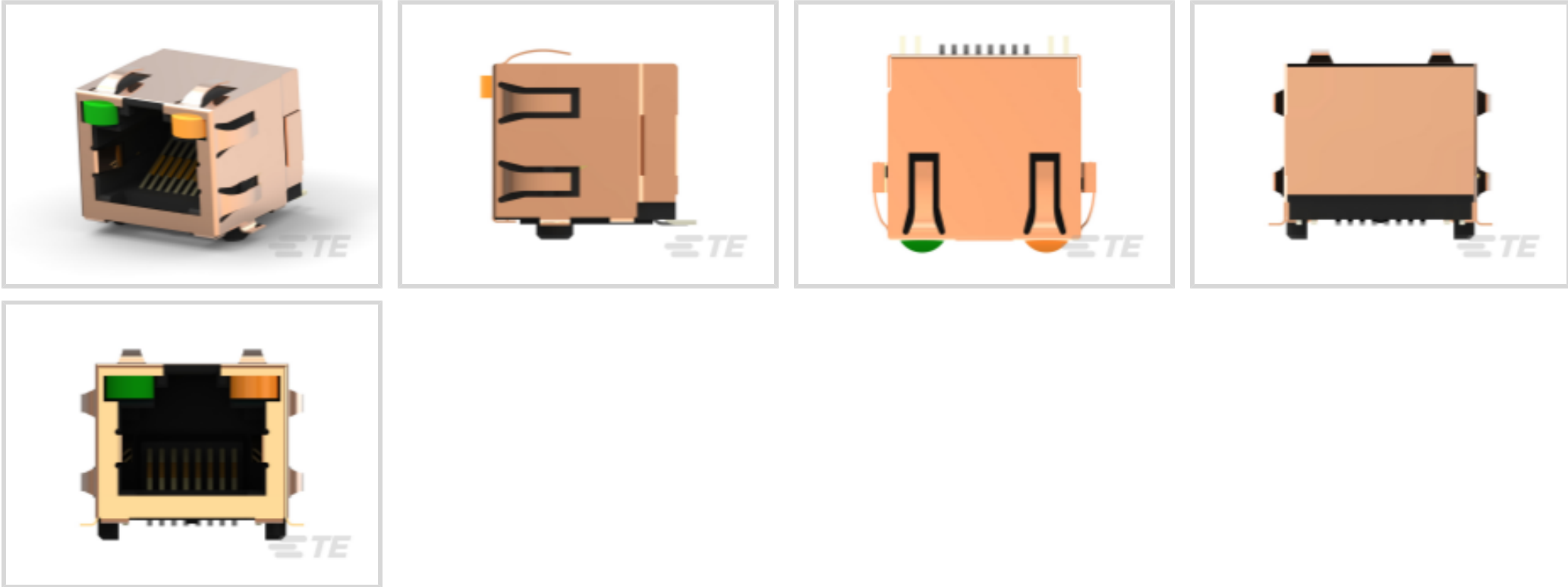




TE Internal #: 2-6339191-1
RJ45 Connectors, RJ45, Single Port, Port Matrix Configuration 1 x 1,
RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack,
Shielded, Cat 5
[View on TE.com >](#)

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 and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Panel Ground Location	Top and Side
Number of PCB Ground Tabs	2
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator Type	LED
Number of Positions	8



Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

Shield Plating Finish	Matte
Shield Plating Material	Tin
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard
LED Color (Top Left)	Green
LED Color (Top Right)	Orange

Contact Features

PCB Termination Area Plating Finish	Matte
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	Surface Mount
Termination Post & Tail Length	.86 mm[.03 in]

Mechanical Attachment

Panel Mount Feature	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	13.35 mm[.525 in]
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Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Reel Diameter	38 cm
Packaging Quantity	200
Packaging Method	Reel

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: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Reflow solder capable to 245°C

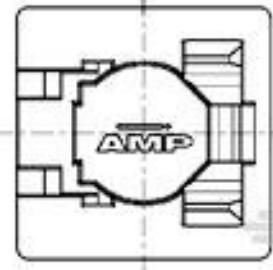
Product Compliance Disclaimer

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



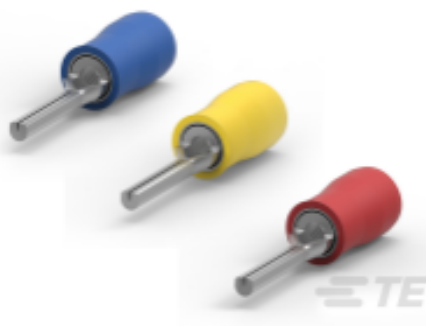
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

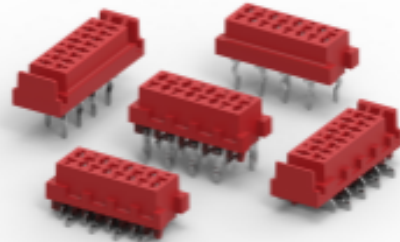


TE Part # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought



TE Part #165168
PIDG FORMED WIRE PINS



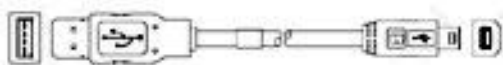
TE Part #1-188275-6
FEMALE-ON-BOARD CONNECTOR
TOP ENTRY



TE Part #102312-2
Universal Headers: Ejector Latch



TE Part #1050525-1
2001 5003 02,SMA CABLE PLUG



TE Part #1487594-1
USB, A-B, 28/28, BLACK, 0.5M



TE Part #1-5353190-0
.6FHR04H,140,S,GIG,08/Sn,TR,NSYes



TE Part #1600903-1
2NDARY RCPT PWR VERT BLKHED MT



TE Part #1-1623793-6
Wirewound Resistor: Horizontal Mount



TE Part #CV20922001
RW-175-E-3/64-X-STK

Documents

Product Drawings
MJ,RJ4,5SM,TSHLD,LED (G/O)
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-6339191-1_D_c-2-6339191-1-d.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

Product Environmental Compliance

TE Material Declaration

English