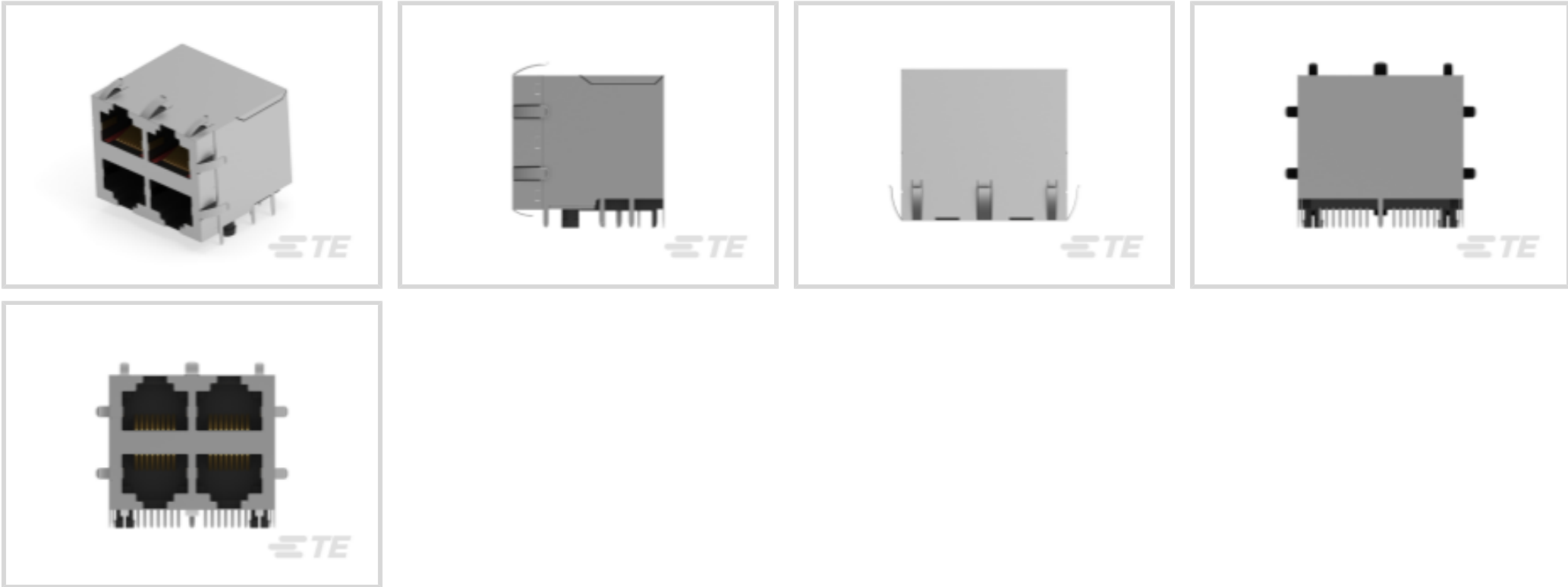




Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**  
Port Configuration: **Multiple Ports**  
Port Matrix Configuration: **2 x 2**  
Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**  
Connector Contact Density: **Standard**

Features

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

Configuration Features

Multiple Port Configuration	Stacked
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 2
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle



Body Features

Shield Plating Material	Nickel
Shield Material	Stainless Steel
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material 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 (Au)
Contact Base Material	Phosphor Bronze Alloy
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.126 in]

Mechanical Attachment

Connector Mounting Type	Board Mount, Panel Mount
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Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	PBT

Dimensions

Connector Height	25.5 mm[1.004 in]
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Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]
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Operation/Application

Indicator Type	Not Illuminated
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 Method	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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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





TE Part # 1987328-1  
RJ45 COMMON CORE, 4x2 POS.



TE Part # 2120892-1  
RJ45 CONNECTOR CAT6A, IP20 PLUG



TE Part # 133054-E  
MJ DS-LG5 \* \* 8 8 6 \* GF9 T \* 30 \* J 3 1



TE Part # 133080-E  
MJ DS-LG5 \* \* 8 8 16 \* GF9 T \* 30 \* J 3 1



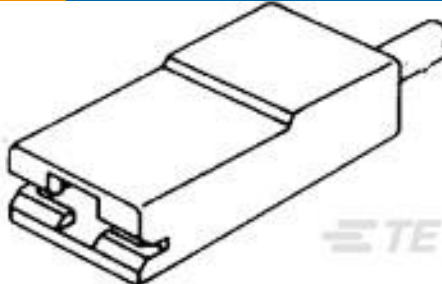
TE Part # 2383216-1  
RJ45 FIELD INSTALLABLE CABLE CONN.

TE Part # 1554260-1  
DUST CAP

Customers Also Bought



TE Part #5650889-5  
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part #280233  
250 FASTON POST INS.,1 POS, NATRUAL



TE Part #1658859-2  
SFP 2X1 CAGE & LIGHT PIPE KIT



TE Part #154807-E  
SMCB 50 F AB VV 7-13 CL \* H007 137 E002



TE Part #233230-E  
STVH11 11 M B V 3-00 LA \* B047 199 E 016



TE Part #254117-E  
STVC 96 F ABC VVW 7-00 EE 2,9 \* 247 E007



TE Part #294259-E  
DRCQ 0,80 80 F \* SMD \* 137 E009 094 GURT



TE Part #594750-E  
STVH15 15 F ZD VV 2 1206 4,3 \* 197 E 172



TE Part #414575-E  
STVH15 15 M ZD VV 3-00 LAFD \* A049 199 E

Documents



Product Drawings

MJ DS-LG5 \*\* 8 8 4 \* GF9 \*\* 30 \* J 3 1

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_133041-E\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_133041-E\_1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_133041-E\_1.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ERNI Modular Jacks

English

ERNI Modular Jacks

German

Product Specifications

Application Specification

English