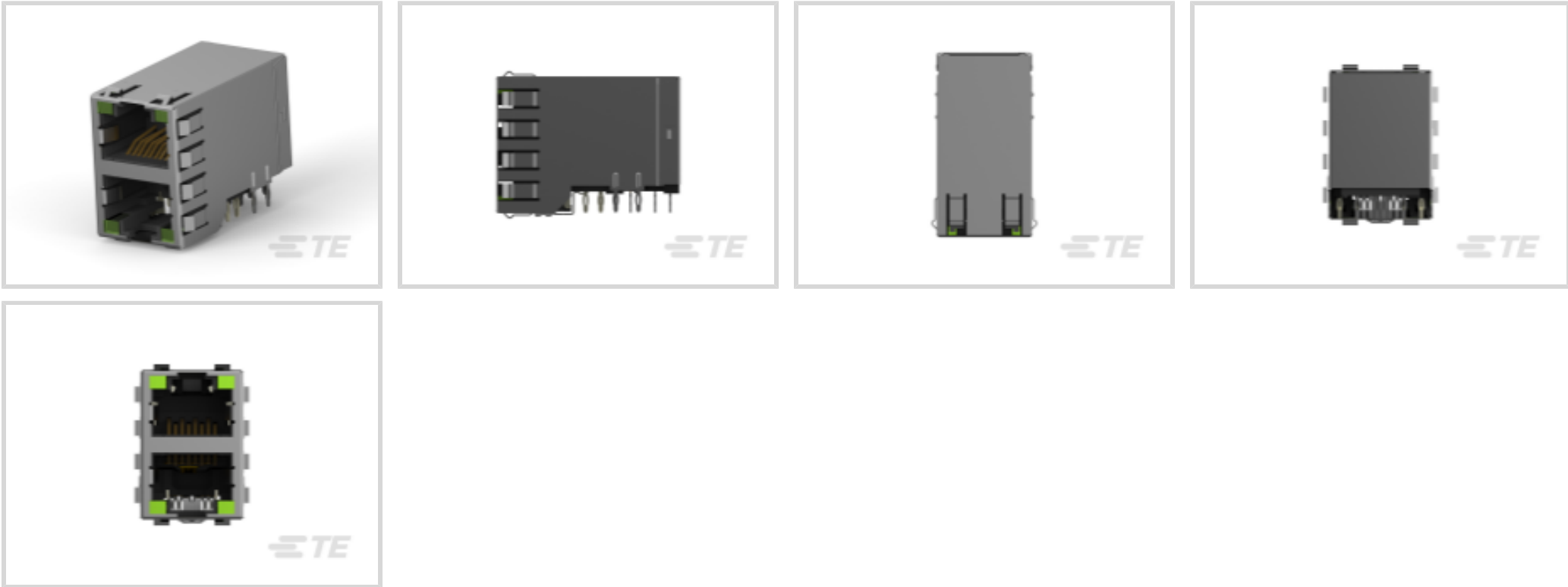




Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**  
Port Configuration: **Multiple Ports**  
Port Matrix Configuration: **2 x 1**  
Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**  
Connector Contact Density: **Standard**

Features

Product Type Features

Ground Feature Type	Grounding Clips
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

Number of PCB Ground Tabs	4
Multiple Port Configuration	Stacked
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 1
Connector Contact Density	Standard
Number of Positions	8



Number of Loaded Positions	8
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PCB Mount Orientation	Right Angle
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Body Features

LED Color (Top Left)	Green
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LED Color (Bottom Left)	Green
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LED Color (Top Right)	Green
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LED Color (Bottom Right)	Green
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Grounding Tab Plating Material	Tin over Copper
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Shield Plating Material	Tin over Copper
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Shield Material	Copper Alloy
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Modular Jack Latch Orientation	Standard - Latch Down
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Connector Profile	Offset - Overhangs PCB
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Contact Features

Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Current Rating (Max)	1.5 A
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Contact Mating Area Plating Material	Gold
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Termination Post & Tail Length	4.14 mm[.163 in]
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Mechanical Attachment

Panel Mount Feature	Without
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Connector Mounting Type	Board Mount, Panel Mount
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Housing Features

Mating Entry Location	Side
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Centerline (Pitch)	1.02 mm[.04 in]
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Housing Color	Black
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Housing Material	PBT GF
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Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	3.27 mm[.129 in]
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Usage Conditions

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

Indicator Type	LED
Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	45
Packaging Method	Tray

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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 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

TE Part # 1521003-2

CAT 5E CABLE ASSY, 8 POS RJ45

Also in the Series | OEG Miniature Relay PCF

Coax Connectors(1)

Combo Jacks(1)

Connector Contacts(1)

IDC D-Sub Connectors(1)

Mini PCI Express & mSATA(1)

RJ14 Connectors(2)

RJ22 Connectors(1)

RJ25 Connectors(8)

RJ45 Connectors(69)

Customers Also Bought



TE Part # 5747846-2  
25 MSFL RCPT RA 318 (FM,BL)

TE Part # 2-1589072-4  
CX090L2AQ = Coax

TE Part # 2000713-5  
RA Keyed Guide Mod, Vita 46, Machined

TE Part # 2227671-3  
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X3

TE Part # 1645498-2  
UNV,PWR,MDL.4 POS. VERT.HDR, 15MM STACK

TE Part # 1410548-4  
MULTIGIG GD PIN KEY/ESD NI PLT, 2.60

TE Part # 2-1625868-8  
RP 2A 0.25W 10R2 0.1% 25PPM 1K RL

TE Part # 1-2000713-2  
RA Keyed Guide Mod, Vita 46, Machined

TE Part # 2176453-7  
CPF 0201 6K65 0.1% 25ppm 1K RL

TE Part # 2332699-1  
KIT, INTERPOSER, 2.74mm TH, W /HARDWARE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1888653-2\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1888653-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1888653-2\_C.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

Product Specifications



Application Specification

English

Agency Approvals

UL Report

English