



**MEAS G Series**

TE Internal #: 2-406549-4

RJ45 Connectors, RJ45, Single Port, 1 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, Cat 5, MEAS G Series

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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**

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**

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



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

### Body Features

LED Color (Top Left)	Green
LED Color (Top Right)	Yellow
PCB Ground Tab Location	-3.43 mm[-.135 in]
Shield Plating Material	Tin
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Inverted - Latch Up
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)	.2 A, 1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.38 $\mu$ m[15 $\mu$ in]

### Termination Features

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

### Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

### Housing Features

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

### Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height 13.34 mm[.525 in]

**Usage Conditions**

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

**Operation/Application**

Shielded Yes

Circuit Application Signal

**Industry Standards**

UL Flammability Rating UL 94V-0

Performance Category Cat 5

**Packaging Features**

Packaging Quantity 63

Packaging Method Box & Tray, Tray

**Other**

Modular Jacks & Plugs Comment Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).

**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 2023 (235)  
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 Wave solder capable to 265°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>

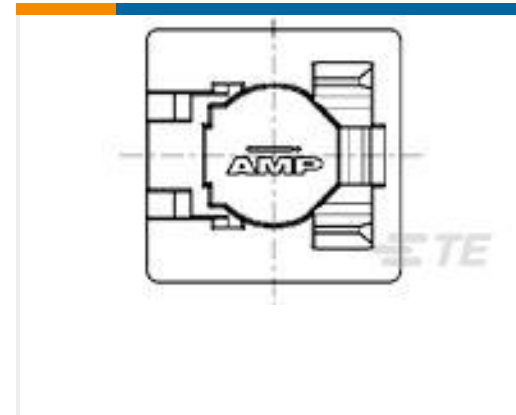
## Compatible Parts



TE Part # 2213145-2  
Pivot Power RJ45 Assembly




TE Part # 2213145-1  
Pivot Power RJ45 Assembly




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

## Also in the Series | MEAS G Series



Coax Connectors(1)



RJ45 Connectors(1)

## Customers Also Bought



TE Part #5499913-2  
A/L UNIV HDR 14P RA SHT LAT



TE Part #6609064-2  
3EOP=F7688A S0



TE Part #5-102203-5  
08 MODII HDR SRRA SHRD LF



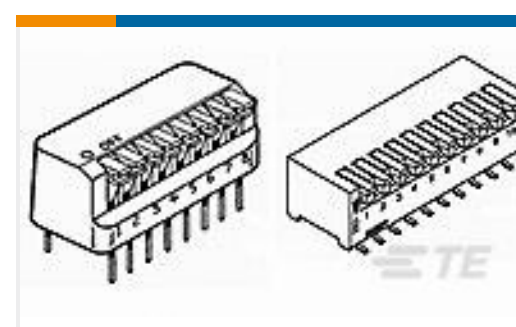
TE Part #826947-8  
8P MOD2 STIFT LEI



TE Part #826947-4  
4P MOD2 STIFT LEI



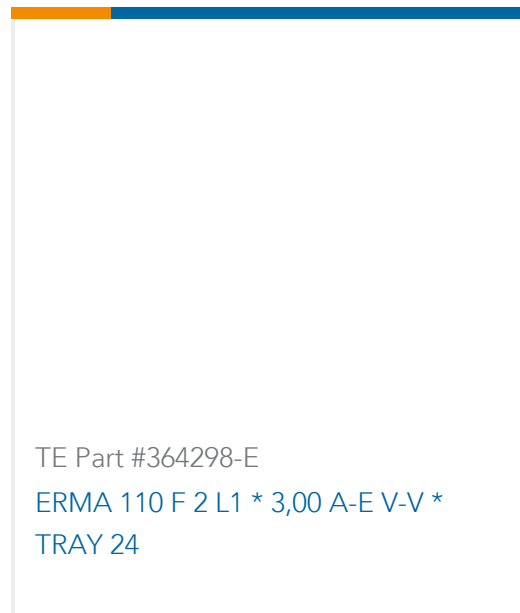
TE Part #1437653-7  
6PCV-07-006=6PCV ASSEMBLY



TE Part #5435802-4  
RIGHT ANGLE DIP SW 5P AU



TE Part #7-1625867-8  
RP 1J 0.166W 40R2 0.1% 25PPM 1K RL



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-406549-4\\_R.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-406549-4\\_R.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-406549-4\\_R.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section](#)

English

### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

### Agency Approvals

[UL Report](#)

English