2-406549-4 ✔ ACTIVE

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

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

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, 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

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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 μm[15 μin]

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]
Connector Height	13.34 mm[.525 in]

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Usage Conditions

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

Operation/Application

Indicator Type	LED
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

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	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

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Compatible Parts

TE Part # 2213145-2
Pivot Power RJ45 Assembly

TE Part # 2213145-1
Pivot Power RJ45 Assembly
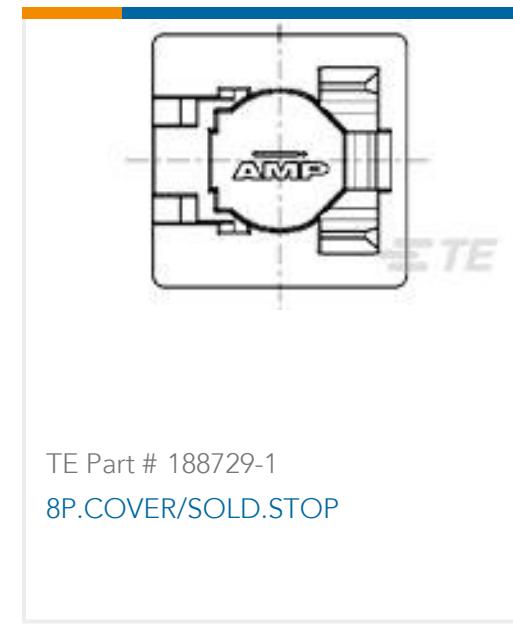
TE Part # 188729-1
8P.COVER/SOLD.STOP

Also in the Series | MEAS G Series
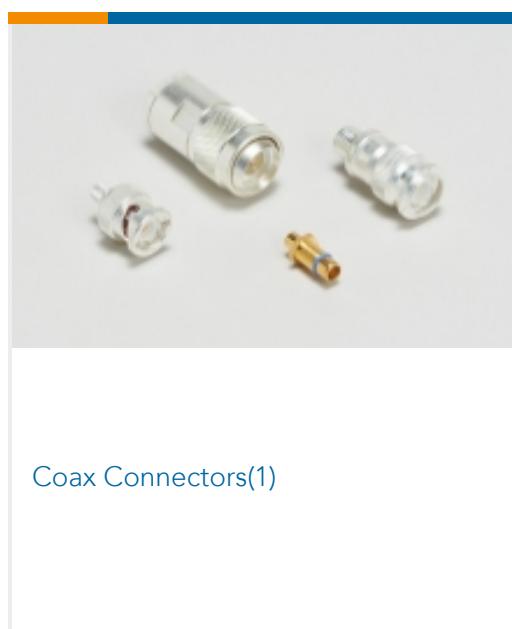
Coax Connectors(1)
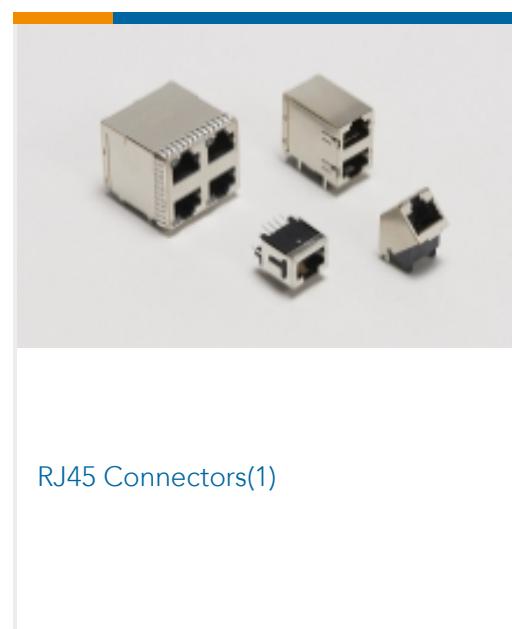
RJ45 Connectors(1)

Customers Also Bought

TE Part # 1-2040516-5
DYNAMIC 1100D HDR ASSY V 10PX
BLACK GOLD

TE Part # 6-534998-5
30 MODIV VRT DR CE 100/125

TE Part # 6-66461-3
SKT,.062 DIA,.025 SQ POST,LP

TE Part # 1825027-2
FSMRA1JH04=R/A,TACT PB SW,160G
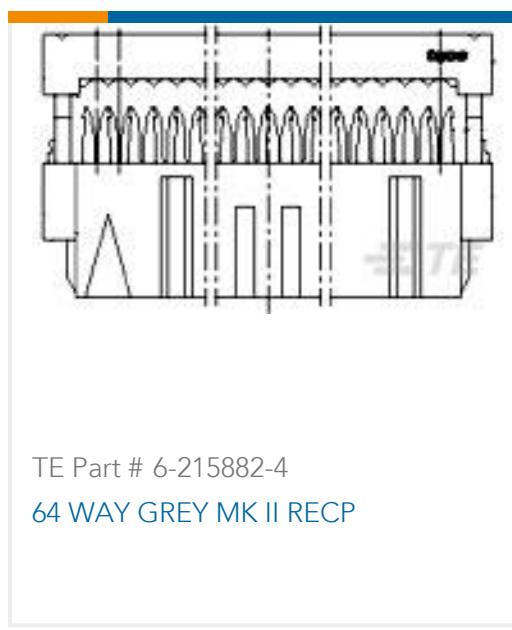
TE Part # 6-215882-4
64 WAY GREY MK II RECP

TE Part # 826632-6
6P AMPMODU II PIN HDR

TE Part # 3-2176400-4
3540 24R 1%

TE Part # 5353928-1
Std USB Type A, R/A, SMT, Offset,
Panel

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TE Part # 7404884001
RNF-100-1-4-FSP
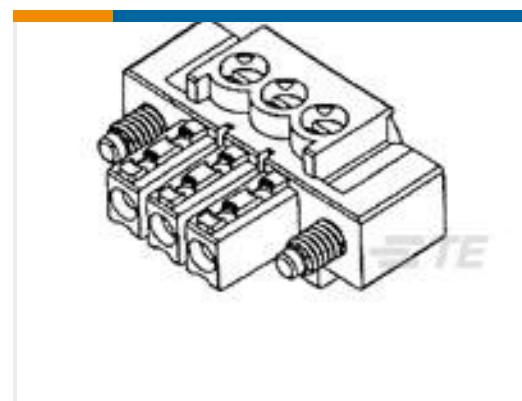
TE Part # 284510-8
8P TERMI-BLOK PLUG CON VITI

Documents

Product Drawings

IMJ,1X1,PNL GRD,LED(Y/G), S

English

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

Agency Approvals

UL Report

English