



## RJ45 CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

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

LE , Multi IO

2-406549-1

TE Internal Number: 2-406549-1

Alias ID: CA8679-000, PER-2-406549-1

Always EU RoHS/ELV Compliant

Port Configuration **Single**

Shielded **Yes**

Jack Configuration **1 x 1**

Connector Style **Jack**

Inverted Jack Face **Yes**

### Product Drawings

[INVERTED MODULAR JACK ASSEMBLY, 1X1, SHIELDED, PANEL GROUND, LED](#)

PDF  
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### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[82066 - Modular Jacks And MRJ21 Product Catalog - Single Port Modular Jacks Section](#)

PDF  
English

[1-1773464-9\\_MODULAR\\_JACKS\\_SINGLE\\_PORT\\_PCB\\_MOUNT](#)

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### Product Specifications

Product Specification

[High Performance Modular Plugs & Jacks, PCB Mounted](#)

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Application Specification

[Modular Jacks](#)

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### Product Environmental Compliance

TE Material Declaration

[MD\\_2-406549-1\\_11062015824\\_dmtec](#)

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English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Shielded	<b>Yes</b>
	Connector Style	<b>Jack</b>
	Performance Category	<b>Cat 5</b>
	Profile	<b>Standard</b>
	PCB Mounting Orientation	<b>Side Entry (Right Angle)</b>
	Connector Type	<b>Jack Assembly</b>
	Product Type	<b>Connector</b>
	Jack Type	<b>RJ45</b>
	Grounding Options	<b>Panel Ground and PCB Ground</b>
	LED	<b>With</b>
	Panel Stops	<b>Without</b>
Configuration Features	Port Configuration	<b>Single</b>
	Jack Configuration	<b>1 x 1</b>
	Number of Positions	<b>8</b>
	Number of PCB Ground Tabs	<b>2</b>
	Preloaded	<b>Yes</b>
	Number of Panel Ground Tabs	<b>2</b>
	Keyed	<b>No</b>
	Panel Ground Location	<b>Top and Side, Top</b>
Body Features	Inverted Jack Face	<b>Yes</b>
	LED Color (Top Right)	<b>Green</b>
	PCB Ground Tab Location	<b>-3.43 mm [ -.135 in ]</b>
	Shield Material	<b>Copper Alloy</b>
	Color	<b>Black</b>
	LED Color (Top Left)	<b>Yellow</b>
	Shield Plating Material	<b>Tin</b>
Contact Features	Number of Contacts Loaded	<b>8</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Material (Shield Material)	<b>Copper Alloy</b>

Contact Mating Area Plating Material **Gold**

Solder Tail Contact Plating Finish **Matte**

Contact Mating Area Plating Thickness (µin) **15**

Termination Features Termination Method to PC Board **Solder**

Mechanical Attachment PCB Mounting Style **Through Hole**

Panel Mount Retention **Without**

Flanged **No**

Housing Features Housing Material **High Temperature Thermoplastic**

Housing Color **Black**

Dimensions Height **13.34 mm [ .525 in ]**

PCB Thickness (Recommended) **1.57 mm [ .062 in ]**

PCB Tail Length **2.54 mm [ .1 in ]**

Industry Standards UL Flammability Rating **UL 94V-0**

Packaging Features Packaging Quantity **63**

Packaging Method **Tray, Tray/Box**

Other 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 [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS		SURFACE MOUNT RESISTORS	TRIMMERS
CPF 0603 5K9 1% 50PPM 1K RL CPF0603F5K9C1	RP 1J 0.166W 280R 0.1% 25PPM 1K RL RP73PF1J280RBTFD	CPF 0603 47K5 0.1% 25PPM 1K RL CPF0603B47K5E1	CB10V 2K2 HEX LONG LIFE CB10MV222ME
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