



# RJ45 CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## IMJ,1X1,PNL GRD,LED(YG/YG), SN

LE , Multi IO

2-406549-8

TE Internal Number: 2-406549-8

Alias ID: P04065-000

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](#)

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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

### 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\\_2-406549-8\\_11062015825\\_dmtec](#)

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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/Yellow</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>Green/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 Mating Area Plating Material	<b>Gold</b>
	Solder Tail Contact Plating Finish	<b>Matte</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</b>
Termination Features	Termination Method to PC Board	<b>Solder</b>

Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	Panel Mount Retention	<b>Without</b>
	Flanged	<b>No</b>
Housing Features	Housing Material	<b>High Temperature Thermoplastic</b>
	Housing Color	<b>Black</b>
Dimensions	Height	<b>13.34 mm [ .525 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	PCB Tail Length	<b>2.54 mm [ .1 in ]</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Quantity	<b>441</b>
	Packaging Method	<b>Tray, Tray/Box</b>
Other	Comment	<b>Consult customer drawing for bi-color LED schematics- emitted light color dependent on current polarity- recommended LEDs operate at 20mA., Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).</b>

Product Compliance

[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)