TE
connectivity

+ CONNECTORS

RJ45 CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

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

LE , Multi IO

2-406549-5

TE Internal Number: 2-406549-5
Alias ID: 1358727

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
English

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**
PDF
English

Application Specification   **Modular Jacks**
PDF
English

Product Environmental Compliance

TE Material Declaration   **MD_2-406549-5_12042015859_dmtec**
PDF
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	Yes
	Connector Style	Jack
	Performance Category	Cat 5
	Profile	Standard
	PCB Mounting Orientation	Side Entry (Right Angle)
	Connector Type	Jack Assembly
	Product Type	Connector
	Jack Type	RJ45
	Grounding Options	Panel Ground and PCB Ground
	LED	With
	Panel Stops	Without

Configuration Features	Port Configuration	Single
	Jack Configuration	1 x 1
	Number of Positions	8
	Number of PCB Ground Tabs	2
	Preloaded	Yes
	Number of Panel Ground Tabs	2
	Keyed	No
	Panel Ground Location	Top and Side, Top

Body Features	Inverted Jack Face	Yes
	LED Color (Top Right)	Green
	PCB Ground Tab Location	-3.43 mm [-.135 in]
	Shield Material	Copper Alloy
	Color	Black
	LED Color (Top Left)	Green
	Shield Plating Material	Tin

Contact Features	Number of Contacts Loaded	8
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	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 |