



CONNECTORS

RJ45 CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

IMJ,1X1,P GRD,INSLT,LED(Y/G)SN

Modular Jacks & Plugs | LE , Multi IO

1-406507-4

TE Internal Number: 1-406507-4

EU RoHS Compliant

EU ELV Compliant

Shielded Yes

Port Matrix Configuration 1 x 1

Connector Style Jack

Port Configuration Single

Status Indicator LED

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

INVERTED MODULAR JACK ASSEMBLY, 1X1, SHIELDED, PANEL GROUND, LED, INSULATOR

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

Modular Jacks

PDF

English

Product Specification

High Performance Modular Plugs & Jacks, PCB Mounted

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1-406507-4_071720151424_dmtec

PDF

English

FEATURES



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

Modular Jack & Plug Interface Type RJ45

Shielded Yes

Connector Style Jack

Performance Category Cat 5

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Grounding Options Panel Ground and PCB Ground

Connector Type Connector Assembly

Configuration Features

Port Matrix Configuration 1 x 1

Port Configuration Single

Status Indicator LED

Number of Positions 8

PCB Mounting Orientation Right Angle

Keyed No

Number of PCB Ground Tabs 2

Number of Panel Ground Tabs 6

Preloaded Yes

Panel Ground Location Top and Side, Top

Body Features

Latch Orientation Inverted - Latch Up

Profile Standard

Insulator Material Polyester

LED Color (Top Right) Yellow

Shield Plating Material Tin

PCB Ground Tab Location -3.43 mm [-.135 in]

Shield Material Copper Zinc Alloy

LED Color (Top Left) Green

Contact Features

Contact Mating Area Plating Material Gold

Contact Mating Area Plating Thickness (µin) 50

Number of Contacts Loaded 8

PCB Termination Area Plating Material Tin over Nickel

Contact Base Material Phosphor Bronze

Termination Features

Termination Method to PC Board Through Hole - Solder

Mechanical Attachment

Panel Mount Feature Without

Housing Features

Entry Location Side

Housing Material High Temperature Thermoplastic

Housing Color Black

Dimensions

PCB Tail Length 2.54 mm [.1 in]

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

Connector Height 13.35 mm [.525 in]

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box & Tray, Tray

Packaging Quantity 441

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

Statement of Compliance

PDF
