



RJ45 CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MJ,INV,1X1,6PNL G,.140" ST,SN

Mini PCI , Multi IO

1-406541-6

TE Internal Number: 1-406541-6

Always EU RoHS/ELV Compliant

Port Configuration **Single**

Shielded **Yes**

Jack Configuration **1 x 1**

Connector Style **Jack**

Inverted Jack Face **Yes**

Product Drawings

[INVERT MOUDULAR JACK ASSEMBLY 1 X 1, SHIELED, PANEL GROUND](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[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_1-406541-6_12042015857_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 | Without |
| Panel Stops | Without | |
| <hr/> | | |
| 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 | 6 |
| | Keyed | No |
| | Panel Ground Location | Top and Side, Top |
| <hr/> | | |
| Body Features | Inverted Jack Face | Yes |
| | PCB Ground Tab Location | -3.43 mm [-.135 in] |
| | Shield Plating Finish | Satin |
| | Shield Material | Copper Alloy |
| | Color | Black |
| | Shield Plating Material | Nickel |
| <hr/> | | |
| 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 |
| <hr/> | | |
| Termination Features | Termination Method to PC Board | Solder |
| <hr/> | | |

| | | |
|-----------------------|--|---|
| 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 | 3.56 mm [.14 in] |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Quantity | 441 |
| | 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 | THROUGH-HOLE RESISTORS | THROUGH-HOLE RESISTORS | STANDARD POWER RELAYS |
|---|--|--|--|
|  <p>CRGH0805 1% 820K 0.33W CRGH0805F820K</p> |  <p>3W SM M/OX 5% 6K8 ROX3SJ6K8</p> |  <p>3W SM M/OX 5% 68K ROX3SJ68K</p> |  <p>R10-E1Y1-SS220=R10 R10-E1Y1-SS220</p> |
| Save to List Find Similar Products | Save to List Find Similar Products | Save to List Find Similar Products | Save to List Find Similar Products |