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2-406549-5 Product Details

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PCB Mounted Jacks - Single Port, Multi-port and Stacked

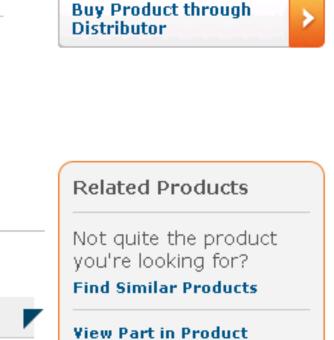IMJ,1X1,PNL GRD,LED(G/G), SN

2-406549-5 🌿

TE Internal Number: 2-406549-5

✔ Active

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Product Highlights View All

- Connector
- Preloaded
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ45

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| Documents | **Features** | Compliance |

Please Note:
Use the Product Drawing for all design activity

Product Type Features ▼

Product Type	Connector
Jack Type ?	RJ45
PCB Mounting Orientation ?	Side Entry (Right Angle)
PCB Mount Style ?	Through Hole
Performance Category ?	Cat 5
LED ?	With
Grounding Options ?	Panel Ground and PCB Ground
Panel Stops ?	Without
Keyed ?	No
Profile ?	Standard
Color ?	Black

Mechanical Attachment

Panel Mount Retention ?	With
Flanged	No

Termination Features

Termination Method to PC Board ?	Solder

Dimensions

Height (mm [in]) ?	13.34 [0.525]
PCB Tail Length (mm [in]) ?	2.54 [0.100]
PCB Thickness, Recommended (mm [in])	1.57 [0.062]

Body Features

Inverted Jack Face ?	Yes
Shield Plating	Tin
Shield Material	Copper Alloy
PCB Ground Tab Location (mm [in])	-3.43 [-0.135]

Contact Features

Solder Tail Contact Plating ?	Matte Tin over Nickel
Contact Plating, Mating Area, Material ?	Gold (50)
Contact Base Material	Phosphor Bronze

Housing Features ▼

Housing Material	High Temperature Thermoplastic

Configuration Features

Preloaded	Yes
Port Configuration	Single
Jack Configuration ?	1 x 1
Number of Positions ?	8
Shielded ?	Yes
Number of Contacts Loaded	8
Number of PCB Ground Tabs	2
Panel Ground Location	Top and Side, Top

Industry Standards

RoHS/ELV Compliance ?	RoHS compliant, ELV compliant
Lead Free Solder Processes ?	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Identification Marking

LED Position 1 Color ?	Green
LED Position 2 Color ?	Green
LED Position 3 Color ?	None

Packaging Features

Packaging Method	Tray

Product Availability

Region	Asia, North America

Other

Brand	AMP
Comment	Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).

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