Product Details for 5 -1605417 -6

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Active

Integrated Magnetic, Stacked (Mag45™) and Power over Ethernet (PoE)

Not ELV or RoHS Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- 10/100BASE -T Ethernet Application
- Component Type = Single Port
- Magnetic Circuit = 417
- Turns Ratio = 1:1
- 1 x 1 Jack Configuration

View all Features

Quick Links

Check Pricing & Availability
Search for Tooling
Product Feature Selector
Contact Us About This Product

Documentation & Additional Information

Product Drawings:

- 1X1 MAG45(TM), MODULAR JACK, 4N2P1 SCHEMATIC, 417 SE... (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- Mag45* Modular Jacks With Integrated Magnetics (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 3D Model (STEP, Version C)
- 3D Model (IGES, Version C)
- 2D Drawing (DXF, Version C)

List all Documents

Additional Information:

- Product Line Information

Related Products:

- Tooling

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Signal Routing Type = NIC
- PCB Mount Style = Thru Hole
- Shielded = Yes
- Shield Material = Brass

Mechanical Attachment:

- Jack Configuration = 1 x 1
- Impedance (?) = 100

Electrical Characteristics:

- Component Type = Single Port
- Turns Ratio = 1:1

Termination Related Features:

- Bottom Panel Ground Tab = Without

Body Related Features:

- LED = With
- Shield Panel Ground Tabs = With
- Latch Orientation = Standard - Latch Down
- Bottom Shield = Without
- Shield Plating = Semi -Bright Nickel (Pre -plated)

Housing Related Features:

- Housing Flammability Rating = UL 94V -0
- Housing Material = Thermoplastic

Configuration Related Features:

- Magnetic Circuit = 417
- Decoupling Capacitor = 2KV
- Rear PCB Ground Tab = Without
- Signal Lead Quantity = 8

Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Wave solder capable to 240°C

Identification Marking:

- Left LED Color (Position #1) = Green/Yellow (Bicolor)
- Right LED Color (Position #2) = Green/Yellow (Bicolor)

Conditions for Usage:

- Temperature Rating = Office / Premises (0 °C to +70 °C)

Operation/Application:

- Application = 10/100BASE -T Ethernet

Other:

- Insulator = Without
- Brand = Transpower

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