

**Product Details for 5 -1605417 -6**



**5 -1605417 -6**

[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