

Product Details for 6 -1605786 -1



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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 = 755
- ? 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, 7H2 SCHEMATIC, 755 SERI...](#) (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:

- ? None Available

[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 = Auto MDI/MDIX
- ? [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 = Inverted - Latch Up
- ? [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 = 755
- ? 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 - 250 ohm resistor
- ? Right LED Color (Position #2) = Green - 250 ohm resistor

Conditions for Usage:

- ? [Temperature Rating](#) = Office / Premises (0 °C to +70 °C)

Operation/Application:

- ? [Application](#) = 10/100BASE -T Ethernet

Other:

- ? [Insulator](#) = Without
- ? Brand = Transpower