

Product Details for 1610042 -2



1610042 -2

[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 = Multiple Port
- ? Magnetic Circuit = 757P9
- ? Turns Ratio = 1:1
- ? 1 x 4 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:

- ? None Available

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

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- ? [Signal Routing Type](#) = HUB
- ? [PCB Mount Style](#) = Thru Hole
- ? Shielded = Yes
- ? Shield Material = Brass

Mechanical Attachment:

- ? [Jack Configuration](#) = 1 x 4
- ? Impedance (?) = 100

Electrical Characteristics:

- ? [Component Type](#) = Multiple Port
- ? [Turns Ratio](#) = 1:1

Termination Related Features:

- ? [Bottom Panel Ground Tab](#) = With

Body Related Features:

- ? [LED](#) = With
- ? Shield Panel Ground Tabs = Without
- ? Latch Orientation = Inverted - Latch Up
- ? [Bottom Shield](#) = Without
- ? Shield Plating = Semi -Bright Nickel (Pre -plated)
- ? PCB Tail Length (mm [in]) = 3.30 [0.130]

Housing Related Features:

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

Configuration Related Features:

- ? Magnetic Circuit = 757P9
- ? Decoupling Capacitor = Without
- ? [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:

- ? Right LED Color (Position #2) = Green - 250 ohm resistor
- ? Left LED Color (Position #1) = Yellow - 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