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1605427-1 Product Details



1605427-1

 [Active](#)

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

[Not EU RoHS or ELV Compliant \(Find RoHS Compliant Alternates\)](#)

Product Highlights:

- 10/100BASE-T Ethernet Application
- Component Type = Single Port
- Magnetic Circuit = 454
- Turns Ratio = 1:1
- 1 x 1 Jack Configuration

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Documentation & Additional Information

Product Drawings:

- [1X1 MAG45\(TM\), MODULAR JACK, 4H5 SCHEMATIC, 454 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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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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 1

Electrical Characteristics:

- [Component Type](#) = Single Port
- [Turns Ratio](#) = 1:1
- Impedance () = 100

Termination Related Features:

- [Bottom Panel Ground Tab](#) = Without

Body Related Features:

- [LED](#) = Without
- Shield Panel Ground Tabs = With
- Latch Orientation = Standard - Latch Down
- [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 Polyester (PET)

Configuration Related Features:

- Magnetic Circuit = 454
- 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

Conditions for Usage:

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

Operation/Application:

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

Other:

- Brand = Tyco Electronics

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