

1-6605316-1 Product Details



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TE Part Number: 1-6605316-1

✔ Active

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

🌿 [Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- 10/100BASE-T Ethernet Application
- Component Type = Single Port
- Magnetic Circuit = 306ET
- Turns Ratio = 1:1
- 1 x 1 Jack Configuration

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Documentation & Additional Information

Product Drawings:

- [1X1 MAG45\(TM\), MODULAR JACK, SHIELDED, 4N2ET INDUSTR...](#) (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 = Auto MDI/MDIX, NIC
- [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 (Ω) = 100

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)
- 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 = 306ET
- Decoupling Capacitor = Without
- [Rear PCB Ground Tab](#) = Without
- Signal Lead Quantity = 8

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

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](#) = Industrial / Commercial (-40 °C to + 85 °C)

Operation/Application:

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

Other:

- Brand = Tyco Electronics