

1-6605444-3 Product Details



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TE Internal Number: 1-6605444-3

 Active

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Mag45 - RJ45 with Integrated Magnetics

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

Product Highlights:

- Connector Style = Jack
- Preloaded
- Gigabit Ethernet Application
- Single Port Configuration
- Jack Type = RJ45

[View all Features](#)

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Documentation & Additional Information

- Product Drawings:**
- [1X1 MAG45\(TM\), 4G4P1 GIGABIT ETHERNET SCHEMATIC \(10 ...](#) (PDF, English)

- Catalog Pages/Data Sheets:**
- None Available

- Product Specifications:**
- [Maq45* Modular Jacks With Integrated Magnetics](#) (PDF, English)

- Application Specifications:**
- None Available

- Instruction Sheets:**
- None Available

- CAD Files:** ([CAD Format & Compression Information](#))
- [2D Drawing](#) (DXF, Version D)
 - [3D Model](#) (IGES, Version D)
 - [3D Model](#) (STEP, Version D)

- 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:**
- Jack Type = RJ45
 - Signal Routing Type = Auto MDI/MDIX
 - Profile = Standard
 - PCB Mount Angle = Side Entry (Right Angle)

- Mechanical Attachment:**
- [Jack Configuration](#) = 1 x 1

- Electrical Characteristics:**
- [Turns Ratio](#) = 1:1
 - Shielded = Yes

- Termination Related Features:**
- [EMI Finger - Bottom](#) = Without
 - [Termination Method](#) = Solder

- Body Related Features:**
- Port Configuration = Single
 - EMI Fingers -Top and Sides = With
 - Latch Orientation = Standard - Latch Down
 - Series = N
 - PCB Tail Length (mm [in]) = 2.29 [0.091]

- Contact Related Features:**
- Preloaded = Yes
 - Contact Termination Type = Through Hole

- Housing Related Features:**
- Connector Style = Jack

- Configuration Related Features:**
- Magnetic Circuit = 4G05P1
 - Status Indicator = LED
 - Decoupling Capacitor = 2KV
 - [Rear PCB Ground Tab](#) = Without
 - Signal Lead Quantity = 10

- 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/Orange (Bicolor)
 - Right LED Color (Position #2) = Yellow

- Conditions for Usage:**
- Applies To = Printed Circuit Board
 - Environmental Conditions = Office / Premises
 - Operating Temperature (°C [°F]) = 0 – 70 [32 – 158]

- Operation/Application:**
- [Application](#) = Gigabit Ethernet

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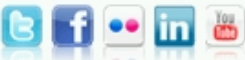
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