

1840409-9 Product Details

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Mag45 - RJ45 with Integrated Magnetics

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Gigabit Ethernet Application
- Number of Cores = 8
- Operating Temperature = -40 - 85 °C
- Status Indicator = LED

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TE Internal Number: 1840409-9

Active

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Documentation & Additional Information	
Product Drawings: 1X1 MAG45(TM),MODULAR JACK,4G06ETP1 GIGABIT CIRCUIT,... (PDF, English) Catalog Pages/Data Sheets: - None Available Product Specifications: - None Available Application Specifications: - None Available Instruction Sheets: - None Available CAD Files: (CAD Format & Compression Information) 2D Drawing (DXF, Version C) 3D Model (IGES, Version C) 3D Model (STEP, Version C) Related Products: Tooling	List all Documents

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: - Product Type = Connector - Magnetics = Integrated Magnetics - Jack Type = RJ45 - Signal Routing Type = Auto MDI/MDIX - Profile = Standard - PCB Mounting Orientation = Side Entry (Right Angle) Electrical Characteristics: - Turns Ratio = 1:1 - Shielded = Yes Termination Features: - Contact Termination Type = Through Hole - Termination Method = Solder Body Features: - Port Configuration = Single - EMI Fingers -Top and Sides = With - EMI Finger - Bottom = Without - Latch Orientation = Standard - Latch Down - PCB Tail Length (mm [in]) = 3.68 [0.145] Contact Features: - Preloaded = Yes Housing Features: - Connector Style = Jack Configuration Features: - Number of Cores = 8 - Status Indicator = LED - Jack Configuration = 1 x 1 - 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 - RoHS/ELV Compliance History = Always was RoHS compliant Identification Marking: - Left LED Color (Position #1) = Yellow - Right LED Color (Position #2) = Green Environmental: - Operating Temperature (°C [°F]) = -40 - +85 [-40 - +185] Conditions for Usage: - Applies To = Printed Circuit Board - Environmental Conditions = Industrial / Commercial Operation/Application: - Application = Gigabit Ethernet Other: - PlanarMag = No - Brand = TE Connectivity	

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