

1840710-5 Product Details



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TE Internal Number: 1840710-5

 **Active**

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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 = 12
- Operating Temperature = -40 - 85 °C
- Status Indicator = LED

Documentation & Additional Information	
Product Drawings: 1X1 MAG45(TM), MODULAR JACK, 7G05ET CIRCUIT, SHIELDE... (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 H) 3D Model (IGES, Version H) 3D Model (STEP, Version H)	Related Products: Tooling

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 Termination Features: - Contact Termination Type = Through Hole Termination Method = Solder Dimensions: - PCB Tail Length (mm [in]) = 3.68 [0.145] Body Features: - Port Configuration = Single - EMI Fingers -Top and Sides = With EMI Finger - Bottom = Without - Latch Orientation = Inverted - Latch Up Contact Features: - Preloaded = Yes Housing Features: - Connector Style = Jack	Configuration Features: - Number of Cores = 12 - 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) = Green/Yellow (Bicolor) - 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