

1840758-1 Product Details

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TE Internal Number: 1840758-1
Active

Mag45 - RJ45 with Integrated Magnetics

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
 - 10/100BASE-T Ethernet Application
 - Number of Cores = 4
 - Operating Temperature = 0 - 70 °C
 - Status Indicator = LED
- [View all Features](#)

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Documentation & Additional Information	
Product Drawings: 1X1 MAG45 10/100 726 G/Y RLE NO SHLD FNG (PDF, English) Catalog Pages/Data Sheets: - None Available Product Specifications: - None Available Application Specifications: - None Available Instruction Sheets: - None Available CAD Files: - None Available	Additional Information: Product Line Information Related Products: Tooling List all Documents

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: - Product Type = Connector - Number of Cores = 4 - Magnetics = Integrated Magnetics - Jack Type = RJ45 - Signal Routing Type = Auto MDI/MDIX - Profile = Standard - PCB Mounting Orientation = Side Entry (Right Angle) Mechanical Attachment: Jack Configuration = 1 x 1 Electrical Characteristics: Turns Ratio = 1:1 Termination Features: EMI Finger - Bottom = Without Termination Method = Solder Body Features: - Port Configuration = Single - EMI Fingers -Top and Sides = Without - Latch Orientation = Inverted - Latch Up - PCB Tail Length (mm [in]) = 3.68 [0.145] Contact Features: - Contact Termination Type = Through Hole - Preloaded = Yes	Housing Features: - Connector Style = Jack Configuration Features: - Status Indicator = LED - Decoupling Capacitor = 2KV 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 - RoHS/ELV Compliance History = Always was RoHS compliant Identification Marking: - Left LED Color (Position #1) = Green - 250 ohm resistor - Right LED Color (Position #2) = Yellow - 250 ohm resistor Environmental: - Operating Temperature (°C [°F]) = 0 - 70 [32 - 158] Conditions for Usage: - Applies To = Printed Circuit Board - Environmental Conditions = Office / Premises Operation/Application: Application = 10/100BASE-T Ethernet Other: - PlanarMag = No - Brand = Tyco Electronics