

1840431-6 Product Details

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TE Internal Number: 1840431-6
Active

Mag45 - RJ45 with Integrated Magnetics
Always EU RoHS/ELV Compliant (Statement of Compliance)

- Product Highlights:
- Connector
 - Connector Style = Jack
 - Preloaded
 - Magnetics = Integrated Magnetics
 - Gigabit Ethernet Application
- [View all Features](#)

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Documentation & Additional Information	
Product Drawings: 1X1 MAG45(TM),MODULAR JACK,4G05P1 GIGABIT CIRCUIT,SH... (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 - 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 - Shielded = Yes Termination Features: EMI Finger - Bottom = Without Termination Method = Solder Body Features: - Port Configuration = Single - EMI Fingers -Top and Sides = With - Latch Orientation = Standard - Latch Down - PCB Tail Length (mm [in]) = 2.29 [0.091] Contact Features: - Preloaded = Yes - Contact Termination Type = Through Hole Housing Features: - Connector Style = Jack	Configuration 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/Yellow (Bicolor) - Right LED Color (Position #2) = Green/Yellow (Bicolor) Environmental: - Operating Temperature (°C [°F]) = 0 - 70 [32 - 158] Conditions for Usage: - Applies To = Printed Circuit Board - Environmental Conditions = Office / Premises Operation/Application: Application = Gigabit Ethernet Other: - Brand = Tyco Electronics