

5-1840401-7 Product Details



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TE Internal Number: 5-1840401-7

 [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, 4G2ET SCHEMATIC, 4G02ET... (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 Related Features: • EMI Finger - Bottom = Without • Termination Method = Solder Body Related Features: • Port Configuration = Single • EMI Fingers -Top and Sides = With • Latch Orientation = Inverted - Latch Up • Series = N • PCB Tail Length (mm [in]) = 3.30 [0.130] Contact Related Features: • Preloaded = Yes • Contact Termination Type = Through Hole	Housing Related Features: • Connector Style = Jack Configuration Related Features: • Magnetic Circuit = 4G02ET • 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 • Right LED Color (Position #2) = Green Conditions for Usage: • Applies To = Printed Circuit Board • Environmental Conditions = Industrial / Commercial • Operating Temperature (°C [°F]) = -40 - +85 [-40 - +185] Operation/Application: • Application = Gigabit Ethernet
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