

1840404-1 Product Details

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TE Internal Number: 1840404-1

 Active

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 = None

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [1X1 MAG45\(TM\) MODULAR JACK, 4G05ET CIRCUIT, W/O LED](#) (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](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector
- Number of Cores = 12
- 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:

- Contact Termination Type = Through Hole
- Preloaded = Yes

Housing Features:

- Connector Style = Jack

Configuration Features:

- Status Indicator = None
- 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

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 = Tyco Electronics

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