

5-1840450-7 Product Details

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5-1840450-7

TE Internal Number: 5-1840450-7

Active

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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 = -40 - 85 °C
- Status Indicator = LED

View all Features

Quick Links

- Check Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:

- 1X1 MAG45(TM), 10/100 ETHERNET SCHEMATIC,426ETP13 MA... (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 D)
- 3D Model (IGES, Version D)
- 3D Model (STEP, Version D)

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
- 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]) = 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, 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

Environmental:

- Operating Temperature (°C [°F]) = -40 - +85 [-40 - +185]

Conditions for Usage:

- Applies To = Printed Circuit Board
- Environmental Conditions = Industrial / Commercial

Operation/Application:

- Application = 10/100BASE-T Ethernet

Other:

- PlanarMag = No
- Brand = Tyco Electronics

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