2-6605444-6 Product Details

2-6605444-6

TE Internal Number: 2-6605444-6

Active

View 3D PDF

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 = 0 - 70 °C
- Status Indicator = LED

View all Features

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Quick Links

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

Documentation & Additional Information

Product Drawings:

- 1X1 MAG45(TM), 4G4P1 GIGABIT ETHERNET SCHEMATIC (10 ... (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 K)
- 3D Model (IGES, Version K)
- 3D Model (STEP, Version K)

List all Documents

Related Products:

- Tooling

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)

Electrical Characteristics:

- Turns Ratio = 1:1
- Shielded = Yes

Termination Features:

- Contact Termination Type = Through Hole
- Termination Method = Solder

Body Features:

- Port Configuration = Single
- EMI Fingers -Top and Sides = With
- EMI Finger - Bottom = Without
- Latch Orientation = Standard - Latch Down
- PCB Tail Length (mm [in]) = 3.68 [0.145]

Contact Features:

- Preloaded = Yes

Housing Features:

- Connector Style = Jack

Configuration Features:

- Number of Cores = 12
- Status Indicator = LED
- Jack Configuration = 1 x 1
- 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
- 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:

- PlanarMag = No
- Brand = TE Connectivity

© 2013 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved

Downloaded from Arrow.com.