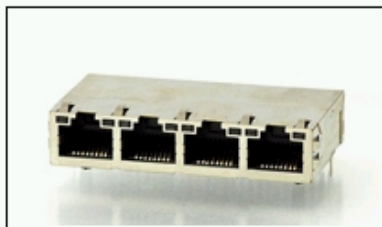


1-6610155-2 Product Details



1-6610155-2

TE Internal Number: 1-6610155-2

 **Active**

 [View 3D PDF](#)

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](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [1X4 MAG45\(TM\) MODULAR JACK, 7G4 SCHEMATIC, \(10 PIN H...](#) (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
- 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 4

Electrical Characteristics:

- [Turns Ratio](#) = 1:1
- Shielded = Yes

Termination Related Features:

- [EMI Finger - Bottom](#) = With
- [Termination Method](#) = Solder

Body Related Features:

- Port Configuration = Multiple
- EMI Fingers -Top and Sides = Without
- Latch Orientation = Inverted - Latch Up
- Series = N
- PCB Tail Length (mm [in]) = 3.68 [0.145]

Contact Related Features:

- Preloaded = Yes
- Contact Termination Type = Through Hole

Housing Related Features:

- Connector Style = Jack

Configuration Related Features:

- Magnetic Circuit = 7G05
- Status Indicator = LED
- Decoupling Capacitor = 2KV
- [Rear PCB Ground Tab](#) = With
- 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) = Orange

Conditions for Usage:

- Applies To = Printed Circuit Board
- Environmental Conditions = Office / Premises
- Operating Temperature (°C [°F]) = 0 - 70 [32 - 158]

Operation/Application:

- [Application](#) = Gigabit Ethernet

 [BOOKMARK](#) 

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