Home > Products > By Type > Modular Jacks & Plugs > Product Feature Selector > Product Details

#### 1658821-1 Product Details



#### 1658821-1

TE Internal Number: 1658821-

🔁 View 3D PDF

# Integrated Magnetic, Stacked (Mag45™) and Power over Ethernet (PoE)

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- 10/100/1000 BASE-T, POE Application
- Component Type = Stacked
- Magnetic Circuit = G22B
- Turns Ratio = 1:1
- Power over Ethernet (PoE) Type = Integrated Power

View all Features







# \_\_\_ Live Product Chat

### Quick Links

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

# Documentation & Additional Information

#### Product Drawings:

 INTEGRATED MAGNETICS STACKED MODULAR JACK, 2X6, RJ45... (PDF, English)

## Catalog Pages/Data Sheets:

None Available

## Product Specifications:

 RJ45 Modular Stacked Jack With Integrated Magnetics ... (PDF, English)

#### Application Specifications:

 Stacked RJ-45 Integraged Magnetics, Integrated PoE C... (PDF, English)

#### Instruction Sheets:

None Available

## CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version C)
- <u>3D Model</u> (IGES, Version C)
- 3D Model (STEP, Version C)

#### Additional Information:

• Product Line Information

#### Related Products:

Tooling

### <u>List all Documents</u>

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

## Product Type Features:

- Power over Ethernet (PoE) Type = Integrated Power
- Signal Routing Type = Auto MDI/MDIX
- PCB Mount Style = Press Fit
- Shielded = Yes.

### Mechanical Attachment:

Jack Configuration = 2 x 6

### **Electrical Characteristics:**

- Component Type = Stacked
- Turns Ratio = 1:1

### Termination Related Features:

Bottom Panel Ground Tab = Without

### Body Related Features:

- <u>LED</u> = With
- Shield Panel Ground Tabs = Without
- Bottom Shield = With

### Configuration Related Features:

- Magnetic Circuit = G22B
- Upper Left LED Color (Top LED Position #2) = Yellow/Green (Bicolor)
- Upper Right LED Color (Top LED Position #1) = Yellow/Green (Bicolor)
- Decoupling Capacitor = Without
- Rear PCB Ground Tab = Without

### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

### Identification Marking:

- Lower Left LED Color (Bottom LED Position #2) = Yellow/Green (Bicolor)
- Lower Right LED Color (Bottom LED Position) #1) = Yellow/Green (Bicolor)

# Conditions for Usage:

• Temperature Rating = Office / Premises (0 °C to +70 °C)

### Operation/Application:

Application = 10/100/1000 BASE-T, POE

### Other:

- Insulator = Without
- Brand = Tyco Electronics