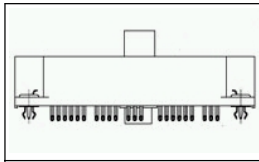


**213819 -2 Product Details**

**Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



**213819 -2**

Active

**M Series Connectors**

[Always EU RoHS/ELV Compliant](#) ( [Statement of Compliance](#) )

**Product Highlights:**

- ? Connector
- ? Hardware Type = Threaded Inserts
- ? Number of Positions = 59
- ? Positions Loaded = Fully Loaded
- ? Polyester Housing Material

[View all Features](#) | [Find Similar Products](#)

**Quick Links**

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

**Documentation & Additional Information**

**Product Drawings:**

- ? None Available

**Catalog Pages/Data Sheets:**

- ? None Available

**Product Specifications:**

- ? None Available

**Application Specifications:**

- ? [Ferrules For M Series Connectors](#) (PDF, English)

**Instruction Sheets:**

- ? None Available

**CAD Files:**

- ? None Available

**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 Positions](#) = 59
- ? [Gender](#) = Receptacle
- ? [Connector Type](#) = Standard
- ? Mount = Printed Circuit Board
- ? [Mount Angle](#) = Vertical
- ? [PCB Retention Feature](#) = Yes

**Mechanical Attachment:**

- ? Hardware Type = Threaded Inserts
- ? [Mounting Hardware](#) = None
- ? Boardlock Material = Copper Alloy
- ? Boardlock Plating = Tin

**Electrical Characteristics:**

- ? [High Voltage](#) = No

**Body Related Features:**

- ? [Positions Loaded](#) = Fully Loaded
- ? [Pin Hood](#) = Without
- ? [Preloaded Contacts](#) = Yes
- ? [Center Fastener](#) = No
- ? [Mounting Bracket\(s\)](#) = Without
- ? [Mounting Bracket Material](#) = Brass
- ? PCB Retention Method = Boardlock(s)
- ? Post Material = Phosphor Bronze
- ? Post Plating = Tin

**Contact Related Features:**

- ? Contact Material = Phosphor Bronze
- ? Contact Mating Area Plating Material = Gold (30)

**Housing Related Features:**

- ? [Housing Material](#) = Polyester
- ? Housing Color = Black

**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

**Packaging Related Features:**

- ? Packaging Method = Tray
- ? Packaging Quantity = 32

**Other:**

- ? Brand = Tyco Electronics