

TE Internal Number: 213841-4

Active

## **Multimate**



# **Product Highlights:**

- Pin
- Gold (30) Contact Mating Area Plating Material
- Wire Range = 5.00-8.00<sup>2</sup> [10-8] mm [AWG]
- Copper Contact Base Material
- Gold Flash Termination End Plating

View all Features

#### **Documentation & Additional Information**

### **Product Drawings:**

• PIN CONTACT ASSEMBLY 8-10 AWG, POWERBAND, METRIMATE (PDF, English)

## Catalog Pages/Data Sheets:

- <u>.125 POWERBAND CONTACTS PROVIDE UP TO 45 AMPS PER</u> (PDF, English)
- AMP SEALED CONNECTORS (PDF, English)
- PRECISION PIN AND SOCKET CONTACTS (PDF, English)
- Power Contacts (PDF, English)
- <u>CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ...</u> (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)
- METRIMATE\_PIN\_SOCKET\_CATALOG (PDF, English)

### **Product Specifications:**

Connector, Metrimate Power Drawer With Powerband Con...
 (PDF, English)

## **Application Specifications:**

• 3.18 [.125] POWERBAND Contacts (PDF, English)

## **Instruction Sheets:**

None Available

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

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

List all Documents

#### Additional Information:

• Product Line Information

#### **Related Products:**

• <u>Tooling</u>

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

## **Product Type Features:**

- <u>Pin/Socket</u> = Pin
- Product Type = .125 POWERBAND Contact
- <u>Insulation Support</u> = Yes
- Wire Termination Type = Crimp
- Grade = Commercial

### **Mechanical Attachment:**

Retention Clip Plating = Nickel

### **Electrical Characteristics:**

• High Current = No

### **Termination Related Features:**

- Termination End Plating = Gold Flash
- Pin Diameter (mm [in]) = 3.18 [0.125]

### **Body Related Features:**

- Wire Range (mm [AWG]) =  $5.00-8.00^2$  [10-8]
- Retention Clip = With
- Retention Clip Material = Phosphor-Bronze

#### **Contact Related Features:**

- <u>Contact Mating Area Plating Material</u> = Gold (30)
- Contact Base Material = Copper
- Contact Size = 8
- Contact Type = Power

### **Industry Standards:**

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

# **Conditions for Usage:**

- Terminate To = Wire
- Test Current (Amps.) = 50.0

## **Packaging Related Features:**

• <u>Packaging Method</u> = Loose Piece

#### Other:

• Brand = AMP