

1-66602-0

TE Internal Number: 1-66602-0

Active

# **Multimate**



# **Product Highlights:**

- Pin
- High Current
- Tin over Nickel Contact Mating Area Plating Material
- Wire Range = 0.80-2.00<sup>2</sup> [18-14] mm [AWG]
- Insulation Diameter = 2.79 3.81 mm

View all Features

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

## **Product Drawings:**

PIN ASSEMBLY, LOOSE PIECE, TYPE III+ (PDF, English)

## Catalog Pages/Data Sheets:

- PRECISION PIN AND SOCKET CONTACTS (PDF, English)
- Signal Contacts (PDF, English)
- CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ... (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)

# **Product Specifications:**

None Available

## **Application Specifications:**

None Available

#### Instruction Sheets:

None Available

# CAD Files: (CAD Format & Compression Information)

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

### **Additional Information:**

Product Line Information

## **Additional Product Images:**

Line Drawing

#### **Related Products:**

Tooling

<u>List all Documents</u>

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

### **Product Type Features:**

- Pin/Socket = Pin
- <u>Insulation Diameter (mm [in])</u> = 2.79 3.81
   [0.110 0.150]
- Product Type = Type III+ Enhanced High Current
- <u>Insulation Support</u> = Yes
- Wire Termination Type = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.

#### **Electrical Characteristics:**

• High Current = Yes

#### **Termination Related Features:**

- Termination End Plating = Tin
- Pin Diameter (mm [in]) = 1.57 [0.062]

### **Contact Related Features:**

- <u>Contact Mating Area Plating Material</u> = Tin over Nickel
- Contact Base Material = Copper Alloy
- Contact Size = 16
- <u>Contact Type</u> = Signal

### **Industry Standards:**

- RoHS/ELV Compliance = 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:

• <u>Terminate To</u> = Wire

#### Packaging Related Features:

• Packaging Method = Loose Piece

#### Other:

# **Body Related Features:**

- Wire Range (mm [AWG]) = 0.80-2.00<sup>2</sup> [18-14]
- Spring Material = Stainless Steel
- Used With = M Series Connectors, CPC Connectors

• Brand = AMP