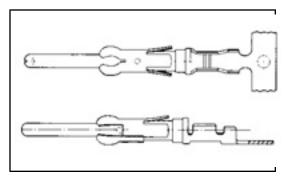
# 66099-1 Product Details



66099-1

TE Internal Number: 66099-1



# **Multimate**



# **Product Highlights:**

- Pin
- Gold (30) over Nickel (50) Contact Mating Area Plating Material
- Wire Range = 0.80-1.40<sup>2</sup> [18-16] mm [AWG]
- Insulation Diameter = 2.03 2.54 mm
- Brass Contact Base Material

View all Features

# **Documentation & Additional Information**

### **Product Drawings:**

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

# Catalog Pages/Data Sheets:

- HIGH CURRENT PRODUCTS (PDF, English)
- PRECISION PIN AND SOCKET CONTACTS (PDF, English)
- Signal Contacts (PDF, English)
- M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS (PDF, English)
- CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ... (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)

# **Product Specifications:**

• Contact, Type III+, Stamped and Formed (PDF, English)

# **Application Specifications:**

• Type III+ (Size 16) Contacts (PDF, English)

### **Instruction Sheets:**

- <u>Selection Charts for Multimate Pin and Socket Contacts</u> (PDF, English)
- Application and Maintenance for Crimping Head Assembly (PDF, English)

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

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

List all Documents

### Additional Information:

• Product Line Information

### **Related Products:**

• Tooling

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

# **Product Type Features:**

- <u>Pin/Socket</u> = Pin
- <u>Insulation Diameter (mm [in])</u> = 2.03 2.54
  [0.080 0.100]
- Product Type = Type III+
- Insulation Support = Yes
- Wire Termination Type = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Retention Spring Material = Stainless Steel
- Comment = Wire strip length-- 3.96 [.156] for all wire sizes.; Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].

# **Mechanical Attachment:**

• Contact Retention in Housing = Crimp Snap-In

### **Electrical Characteristics:**

High Current = No

### **Termination Related Features:**

- <u>Termination End Plating</u> = Gold Flash
- Pin Diameter (mm [in]) = 1.57 [0.062]

# **Body Related Features:**

- Wire Range (mm [AWG]) = 0.80-1.40<sup>2</sup> [18-16]
- Spring Material = Stainless Steel
- Used With = G Series Connectors, CPC Connectors, M Series Connectors

### **Contact Related Features:**

- <u>Contact Mating Area Plating Material</u> = Gold
  (30) over Nickel (50)
- Contact Base Material = Brass
- Contact Size = 16
- Contact Type = Signal

### **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.) = 13.0

# **Packaging Related Features:**

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

#### Other:

• Brand = AMP