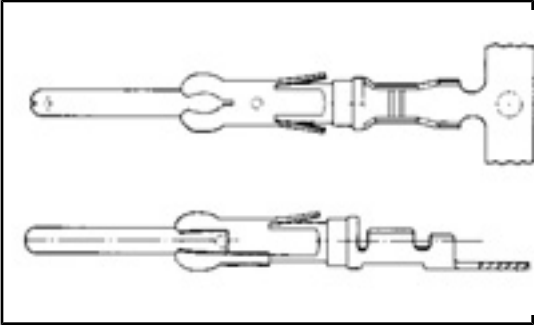


66099-1 Product Details



66099-1

TE Internal Number: 66099-1

 [Active](#)

Multimate

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

Product Highlights:

- Pin
- Gold (30) over Nickel (50) Contact Mating Area Plating Material
- Wire Range = 0.80-1.40² [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:

- [Selection Charts for Multimate Pin and Socket Contacts](#) (PDF, English)
- [Application and Maintenance for Crimping Head Assembly](#) (PDF, English)

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

- [2D Drawing](#) (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:

- [Pin/Socket](#) = Pin
- [Insulation Diameter \(mm \[in\]\)](#) = 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:

- [Termination End Plating](#) = Gold Flash
- Pin Diameter (mm [in]) = 1.57 [0.062]

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.80-1.40² [18-16]
- Spring Material = Stainless Steel
- Used With = G Series Connectors, CPC Connectors, M Series Connectors

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30) over Nickel (50)
- [Contact Base Material](#) = Brass
- [Contact Size](#) = 16
- [Contact Type](#) = Signal

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

Conditions for Usage:

- [Terminate To](#) = Wire
- Test Current (Amps.) = 13.0

Packaging Related Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP