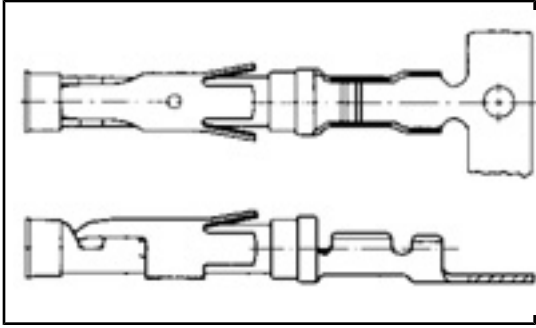


# 66428-3 Product Details

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**66428-3**

TE Internal Number: 66428-3

 [Active](#)

## Multimate

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

### Product Highlights:

- Socket
- Gold (15) over Nickel (50) Contact Mating Area Plating Material
- Wire Range = 0.05-0.15 [30-26] mm [AWG]
- Insulation Diameter = 1.02 - 1.52 mm
- Brass Contact Base Material

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [SOCKET 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:

- None Available

### Application Specifications:

- [Type III+ \(Size 16\) Contacts](#) (PDF, English)

### Instruction Sheets:

- [Selection Charts for Multimate Pin and Socket Contacts](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version L)
- [3D Model](#) (IGES, Version L)
- [3D Model](#) (STEP, Version L)

[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](#) = Socket
- [Insulation Diameter \(mm \[in\]\)](#) = 1.02 – 1.52 [0.040 – 0.060]
- Product Type = Type III+
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [1.25].; Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [0.070] or less), No. 200893-2 (for Insulation Dia. .090 [2.29] max.) Extraction Tool No. 305183.

### Electrical Characteristics:

### Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (15) 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

- 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 \[AWG\]\)](#) = 0.05-0.15 [30-26]
- Spring Material = Stainless Steel
- Used With = M Series Connectors, CPC Connectors

- Test Current (Amps.) = 13.0

**Packaging Related Features:**

- [Packaging Method](#) = Loose Piece

**Other:**

- Brand = AMP