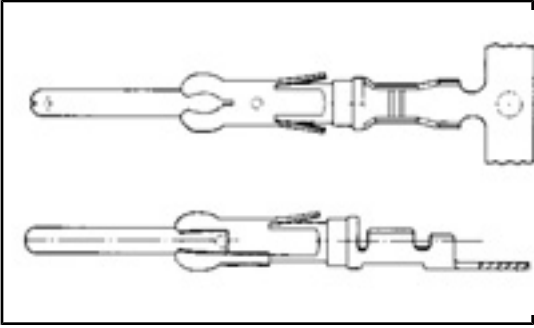


# 66566-4 Product Details

---



**66566-4**

TE Internal Number: 66566-4



[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 = 0.20-0.60<sup>2</sup> [24-20] mm [AWG]
- Insulation Diameter = 1.52 - 3.05 mm
- Brass Contact Base Material

[View all Features](#)

## Documentation & Additional Information

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

### Catalog Pages/Data Sheets:

- [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 N)
- [3D Model](#) (IGES, Version N)
- [3D Model](#) (STEP, Version N)

[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 \[in\]\)](#) = 1.52 – 3.05 [0.060 – 0.120]
- Product Type = Type III+
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [.070] or less), No. 200893-2 (for Insulation Dia. .090 [2.29] max.) Extraction Tool No. 305183.; 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:

### 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

- 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 \[AWG\]\)](#) = 0.20-0.60<sup>2</sup> [24-20]
- Spring Material = Stainless Steel
- Used With = M Series Connectors, CPC Connectors

**Packaging Related Features:**

- [Packaging Method](#) = Loose Piece

**Other:**

- Brand = AMP