

# 201580-1 Product Details

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**201580-1**

TE Internal Number: 201580-1

 [Active](#)

## Multimate

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

### Product Highlights:

- Socket
- 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 = 1.02 - 1.57 mm
- Brass Contact Base Material

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [contact assy socket 16](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [AEROSPACE & DEFENSE](#) (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 II Screw Machine Contact](#) (PDF, English)
- [Type II Screw Machine Contacts](#) (PDF, English)

### Instruction Sheets:

- [TYPICAL ASSEMBLY](#) (PDF, English)

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

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

[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 – 1.57 [0.040 – 0.062]
- Product Type = Type II
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Color Code = Yellow/Red
- Grade = Commercial
- Retention Spring Material = Stainless Steel
- Comment = Use turret TH501 (p/n 1-601967-5) with hand tool 601967-1.; Insertion Tool No. 200893-2 (for insulation diameters 1.78 [.070] or less).; Extraction Tool No. 305183

### 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

**Mechanical Attachment:**

- Contact Retention in Housing = Crimp Snap-In

**Electrical Characteristics:**

- High Current = No

**Body Related Features:**

- [Wire Range \(mm \[AWG\]\)](#) = 0.20-0.60<sup>2</sup> [24-20]
- Used With = G Series Connectors, M Series Connectors, CPC Connectors

- Test Current (Amps.) = 13.0

**Packaging Related Features:**

- [Packaging Method](#) = Loose Piece

**Other:**

- Brand = AMP