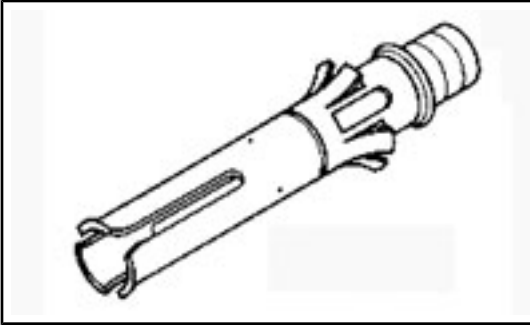


# 51565-1 Product Details

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**51565-1**

TE Internal Number: 51565-1

 [Active](#)

## Multiple Coaxial Contacts (COAXICON)

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

### Product Highlights:

- Contact
- Socket
- Terminate To Coaxial Cable, Terminate To Shielded Wire
- Cable Type = Belden 9221, RD 316, RG 161, RG 174, RG 174DB, RG 179, RG 179A, RG 179B, RG 187, RG 187A, RG 187DB, RG 188, RG 188A, RG 316
- Wire/Cable Type = Shielded

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [SOCKET ASSEMBLY, SERIES SUBMINIATURE](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [COAXICON Contacts](#) (PDF, English)
- [PRECISION PIN AND SOCKET CONTACTS](#) (PDF, English)
- [Coaxial 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)
- [RF COAX PRODUCTS](#) (PDF, English)

### Product Specifications:

- [Contact, COAXICON, Subminiature](#) (PDF, English)

### Application Specifications:

- None Available

### 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:

- [Product Type](#) = Contact
- [Pin/Socket](#) = Socket
- Wire/Cable Type = Shielded
- [Body Style](#) = Straight
- Mating Contact Retention = Without
- [Connector Family](#) = CPC, G Series, M Series, Metrimate
- Dielectric Material = TPX
- Center Conductor Material = Brass per QQ-B-626
- Outer Shell Material = Brass per MIL-C-50
- Comment = A ferrule is required for each pin and socket.; Extraction Tool No. 305183

### Contact Related Features:

- [Contact Type](#) = Coax
- [Contact Size](#) = 16
- Contact Mating Area Plating Material = Gold (30)

### Configuration Related Features:

- [Cable Type](#) = Belden 9221, RD 316, RG 161, RG 174, RG 174DB, RG 179, RG 179A, RG 179B, RG 187, RG 187A, RG 187DB, RG 188, RG 188A, RG 316

### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

**Electrical Characteristics:**

- Impedance Options = Non-Matched

**Body Related Features:**

- [Wire Range \(mm \[AWG\]\)](#) = 0.12-0.15; [26]
- Center Conductor Plating = Gold (30) over Nickel (50)
- Outer Shell Plating = Gold (30) over Nickel (50)

- RoHS/ELV Compliance History = Always was RoHS compliant

**Conditions for Usage:**

- [Terminate To](#) = Coaxial Cable, Shielded Wire

**Other:**

- Brand = AMP