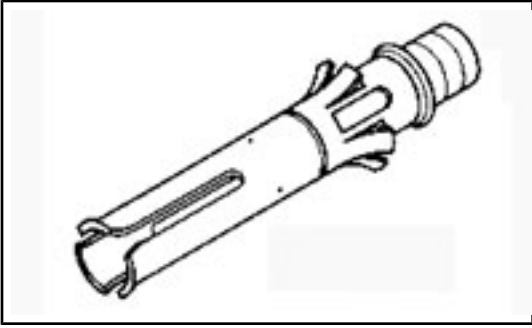


51565-1 Product Details



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