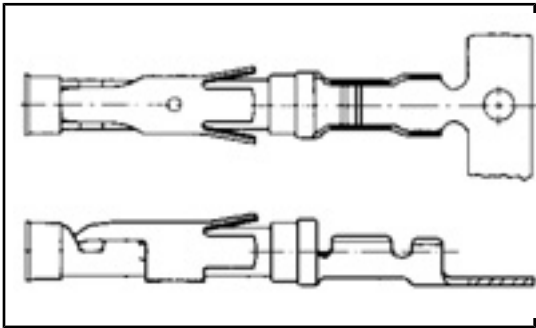


1-66109-7 Product Details



1-66109-7

TE Internal Number: 1-66109-7

 [Active](#)

Multimate

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

Product Highlights:

- Socket
- Bright Tin Contact Mating Area Plating Material
- Wire Range = 0.12-0.24² [26-24] mm [AWG]
- Insulation Diameter = .89 - 1.40 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)
- [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:

- [Contact, Type III+, Stamped and Formed](#) (PDF, English)

Application Specifications:

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

Instruction Sheets:

- None Available

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

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

[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 \[in\]\)](#) = 0.89 – 1.40 [0.035 – 0.055]
- 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 [125].; PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.; Insertion Tool No. 91002-1 (for Insulation Dia. 1.78 [.070] or less), No. 200893-2 (for Insulation

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Bright Tin
- [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:

Dia. .090 [2.29] max.) Extraction Tool No. 305183.

Electrical Characteristics:

- High Current = No

Termination Related Features:

- [Termination End Plating](#) = Bright Tin
- Pin Diameter (mm [in]) = 1.57 [0.062]

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.12-0.24² [26-24]
- Spring Material = Stainless Steel
- Used With = G Series Connectors, CPC Connectors, M Series Connectors

- [Terminate To](#) = Wire
- Test Current (Amps.) = 13.0

Packaging Related Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP