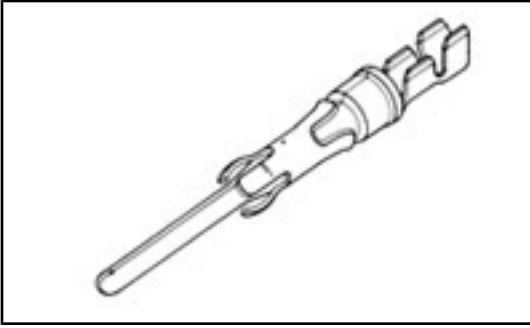


164164-1 Product Details



164164-1

TE Internal Number: 164164-1

 [Active](#)

Multimate

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

Product Highlights:

- Pin
- Tin Contact Mating Area Plating Material
- Wire Range = 0.80-1.40² [18-16] mm [AWG]
- Insulation Diameter = 2.01 - 2.49 mm
- Copper Alloy Contact Base Material

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [loose piece pin type 3+ contact size 16](#) (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:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

[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 \[in\]\)](#) = 2.01 – 2.49 [0.079 – 0.098]
- Product Type = Type III+
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Regular Wire
- Grade = Commercial
- Make First / Break Last = Yes
- Comment = Leading Pin (1.8mm longer than standard pins); Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125].

Electrical Characteristics:

- High Current = No

Termination Related Features:

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

Body Related Features:

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Tin
- [Contact Base Material](#) = Copper Alloy
- [Contact Size](#) = 16
- [Contact Type](#) = Grounding

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

Packaging Related Features:

- [Packaging Method](#) = Loose Piece
- Packaging Quantity = 200

Other:

- Brand = AMP

- [Wire Range \(mm \[AWG\]\)](#) = 0.80-1.40² [18-16]
- Spring Material = Stainless Steel
- Used With = CPC Connectors