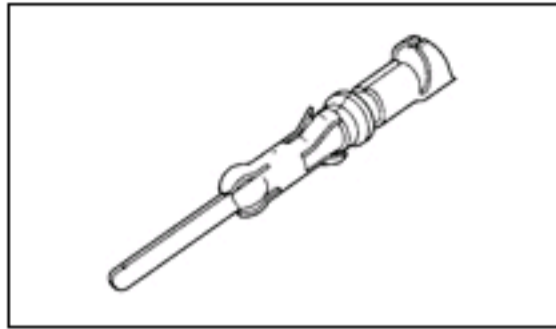




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66180-1 Product Details

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66180-1

TE Internal Number: 66180-1
Active

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Multimate

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact Type = Pin
- Contact Classification = Signal
- Type III+ Series
- Gold (30) Contact Plating, Mating Area, Material
- Wire Range = 0.80-1.40² [18-16] mm [AWG]

[View all Features](#)

Quick Links

- ▶ Pricing & Availability
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Documentation & Additional Information

Product Drawings:

- PIN ASSEMBLY, LOOSE PIECE, TYPE III+ (PDF, English)

Catalog Pages/Data Sheets:

- Signal Contacts (PDF, English)
- M_SERIES_PIN_AND_SOCKET_CONNECTORS (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- Type III+ (Size 16) Contacts (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version L)
- 3D Model (IGES, Version L)
- 3D Model (STEP, Version L)

[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:

- Series = Type III+
- Insulation Support = Yes
- Termination Method to Wire/Cable = Solder
- Wire/Cable Type = Discrete Wire
- Grade = Commercial

Electrical Characteristics:

- High Current = No

Termination Features:

- Termination End Plating = Gold

Dimensions:

- Pin Diameter (mm [in]) = 1.57 [0.062]

Body Features:

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

Contact Features:

- Contact Type = Pin
- Contact Classification = Signal
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Base Material = Copper Alloy
- Contact Size = 16

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:

- Applies To = Wire/Cable
- Test Current (A) = 13.0

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP
- Comment = These contacts can be used in MultiMate contact positions of all connector housings.

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