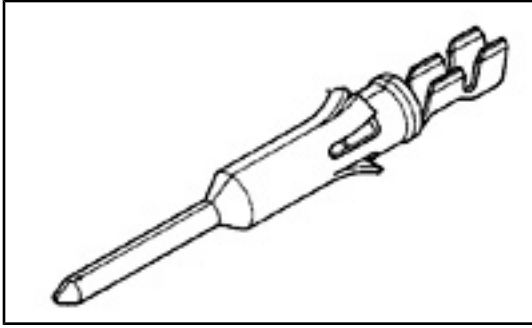


## 66591-1 Product Details

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**66591-1**

TE Internal Number: 66591-1

 [Active](#)

### Multimate

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

#### Product Highlights:

- Pin
- Tin Contact Mating Area Plating Material
- Wire Range = 0.30-0.90<sup>2</sup> [22-18] mm [AWG]
- Insulation Diameter = 1.27 - 2.79 mm
- Brass Contact Base Material

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [CONTACT, PIN, LOOSE PIECE, TYPE VI, MULTIMATE](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [AEROSPACE & DEFENSE](#) (PDF, English)

### Product Specifications:

- [Connector, LGH, High Current, High Voltage, Commercial](#) (PDF, English)

### Application Specifications:

- [Type VI Insulation Grip Contacts](#) (PDF, English)

### Instruction Sheets:

- [Selection Charts for Multimate Pin and Socket Contacts](#) (PDF, English)

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

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

[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 \[in\]\)](#) = 1.27 – 2.79 [0.050 – 0.110]
- Product Type = Type VI
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Wire strip length-- 3.96 [.156] for all wire sizes.

### Electrical Characteristics:

- High Current = No

### Termination Related Features:

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

### Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.30-0.90<sup>2</sup> [22-18]
- Spring Material = Stainless Steel
- Used With = G Series Connectors

### Contact Related Features:

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

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

### Packaging Related Features:

- [Packaging Method](#) = Loose Piece

### Other:

- Brand = AMP