

## 66741-5 Product Details



**66741-5**

TE Internal Number: 66741-5

 [Active](#)

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### Multimate

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

#### Product Highlights:

- Contact Type = Socket
- Contact Classification = Power
- Type XII Series
- Gold (30) Contact Plating, Mating Area, Material
- Wire Range = 5.00-6.00<sup>2</sup> [10] mm [AWG]

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [FEMALE TYPE XII CONTACT ASSEMBLY, WITH ASSIST SPRING](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [PRECISION PIN AND SOCKET CONTACTS](#) (PDF, English)
- [Power Contacts](#) (PDF, English)
- [M SERIES PIN AND SOCKET CONNECTORS](#) (PDF, English)
- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)

#### Product Specifications:

- [Circular Plastic Connector With Type XII Contacts](#) (PDF, English)

#### Application Specifications:

- [Type XII Contacts](#) (PDF, English)

#### Instruction Sheets:

- None Available

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

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

[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:

- [Insulation Support](#) = Yes
- [Termination Method to Wire/Cable](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial

#### Electrical Characteristics:

- High Current = No

#### Termination Related Features:

- [Termination End Plating](#) = Gold (30)

#### Body Related Features:

- Series = Type XII
- [Wire Range \(mm \[AWG\]\)](#) = 5.00-6.00<sup>2</sup> [10]
- Used With = G Series Connectors, M Series Connectors, CPC Connectors

#### Contact Related Features:

- Contact Type = Socket
- Contact Classification = Power
- [Contact Plating, Mating Area, Material](#) = Gold (30)

#### 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:

- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 4.83 - 5.59 [0.190 - 0.220]
- [Applies To](#) = Wire
- Test Current (A) = 35.0

#### Packaging Related Features:

- [Packaging Method](#) = Strip

#### Other:

- Brand = AMP

- [Contact Base Material](#) = Copper
- [Contact Size](#) = Power Contact