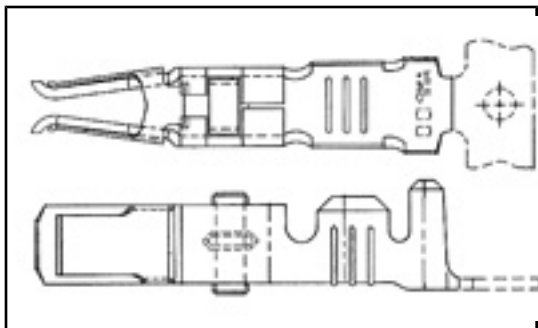


## 66740-2 Product Details

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**66740-2**

TE Internal Number: 66740-2

 [Active](#)

### Multimate

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

#### Product Highlights:

- Socket
- Silver Contact Mating Area Plating Material
- Wire Range = 1.25-1.40<sup>2</sup> [16] mm [AWG], 2.00-3.00<sup>2</sup> [14-12] mm [AWG]
- Insulation Diameter = 3.43 - 4.06 mm
- Copper Contact Base Material

[View all Features](#)

## 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)
- [CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ...](#) (PDF, English)
- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)

### Product Specifications:

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

### Application Specifications:

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

### Instruction Sheets:

- None Available

### 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](#) = Socket
- [Insulation Diameter \(mm \[in\]\)](#) = 3.43 – 4.06 [0.135 – 0.160]
- Product Type = Type XII
- [Insulation Support](#) = Yes
- [Wire Termination Type](#) = Crimp
- Wire/Cable Type = Discrete Wire
- Grade = Commercial
- Comment = Hand Tool No. 69710-1 uses Die Insert No. 90145-2 for 16 AWG and Die Insert No. 90145-1 for 14-12 AWG wire.

### Electrical Characteristics:

- High Current = No

### Termination Related Features:

- [Termination End Plating](#) = Silver

### Contact Related Features:

- [Contact Mating Area Plating Material](#) = Silver
- [Contact Base Material](#) = Copper
- [Contact Size](#) = Power Contact
- [Contact Type](#) = Power

### 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.) = 35.0

### Packaging Related Features:

**Body Related Features:**

- [Wire Range \(mm \[AWG\]\)](#) = 1.25-1.40<sup>2</sup> [16], 2.00-3.00<sup>2</sup> [14-12]
- Used With = G Series Connectors, CPC Connectors, M Series Connectors

- [Packaging Method](#) = Loose Piece

**Other:**

- Brand = AMP