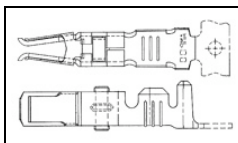


## 66740-8 Product Details



**66740-8**

TE Internal Number: 66740-8

 [Active](#)

 [View 3D PDF](#)

### Multimate

[Not EU RoHS or ELV Compliant](#) ([Find RoHS Compliant Alternates](#))

### Product Highlights:

- Contact Type = Socket
- Contact Classification = Power
- Type XII Series
- Tin-Lead Contact Plating, Mating Area, Material
- Wire Range = 1.25-1.40<sup>2</sup> [16] mm [AWG], 2.00-3.00<sup>2</sup> [14-12] mm [AWG]

[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)
- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)

#### Product Specifications:

- [Contact, Type XII](#) (PDF, English)
- [Connector, LGH, Single Line, Commercial](#) (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)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Insulation Diameter, Range \(mm \[in\]\)](#) = 3.43 - 4.06 [0.135 - 0.160]
- [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](#) = Tin-Lead

#### Body Related Features:

- Series = Type XII
- [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

#### Contact Related Features:

- [Contact Type](#) = Socket
- Contact Classification = Power
- [Contact Plating, Mating Area, Material](#) = Tin-Lead
- [Contact Base Material](#) = Copper
- [Contact Size](#) = Power Contact

#### Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

#### Conditions for Usage:

- [Terminate To](#) = Wire
- Test Current (Amps.) = 15.0

#### Packaging Related Features:

- [Packaging Method](#) = Loose Piece

#### Other:

- Brand = AMP