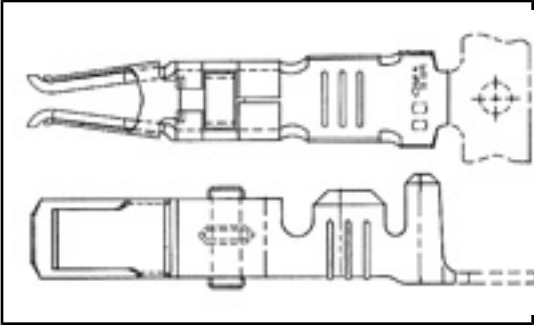


66740-6 Product Details



66740-6

TE Internal Number: 66740-6

 [Active](#)

Multimate

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

Product Highlights:

- Socket
- Gold (30) Contact Mating Area Plating Material
- Wire Range = 1.25-1.40² [16] mm [AWG], 2.00-3.00² [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

Electrical Characteristics:

- High Current = No

Termination Related Features:

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

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 1.25-1.40² [16], 2.00-3.00² [14-12]

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30)
- [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

- Used With = G Series Connectors, CPC Connectors, M Series Connectors

Packaging Related Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP