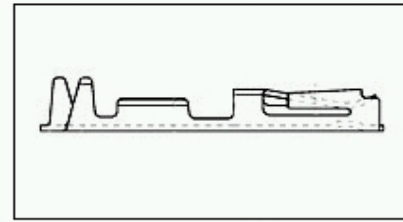


531225-6 Product Details

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531225-6

TE Internal Number: 531225-6
 Active

Contacts-AMPMODU Machine Applied

Not EU RoHS or ELV Compliant

Product Highlights:

- Socket
- Contact Configuration = Mini-Tandem Spring (Crimp-Snap)
- Wire Range = 0.03-0.09² [32-28] mm [AWG]
- Wire Insulation Diameter = .64 - 1.37 mm
- High Applied Pressure

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Documentation & Additional Information

Product Drawings:

- [HIGH PRESSURE CONTACT, RECEPTACLE, MINI-TANDEM SPRING \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Tandem Spring Contact Receptacle \(PDF, English\)](#)

Application Specifications:

- [Tandem Spring and Mini-Tandem Spring Housings and Co... \(PDF, English\)](#)

Instruction Sheets:

- [Hand Crimping Tool 90301-2 \(PDF, English\)](#)

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Pin/Socket = Socket
- Wire Insulation Diameter (mm [in]) = 0.64 - 1.37 [0.025 - 0.054]
- Applied Pressure = High
- Termination Method to Wire/Cable = Crimp

Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Termination Resistance (mΩ) = 12
- Insulation Resistance (MΩ) = 1,000
- Dielectric Withstanding Voltage (V) = 1000

Termination Features:

- Solder Tail Contact Plating = Tin

Body Features:

- Wire Range (mm [AWG]) = 0.03-0.09² [32-28]

Contact Features:

- Contact Configuration = Mini-Tandem Spring (Crimp-Snap)
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30) Inlay

Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process
- Approved Standards = UL E28476, CSA LR7189

Environmental:

- Operating Temperature (°C) = -65 - +105

Packaging Features:

- Packaging Method = Strip

Other:

- Brand = AMP
- Comment = (*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for part numbers of applicators for use with Model "G" machines, as well as other bench machines and fully automatic AMPOMATOR lead making machines.; For use only with Mini-Tandem Spring Housings. Cannot be used in AMPMODOU Model IV Housings.

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