



## 2-5331272-7 Product Details

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**2-5331272-7**

TE Internal Number: 2-5331272-7

Active

View 3D PDF

### Discrete Sockets

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Mini-Spring Socket Product Line
- Board-to-Board, Wire-to-Board
- Applies To Wire/Cable, Applies To Printed Circuit Board
- Contact - Rated Current = 5 A
- Wire/Cable Size = .205 - .258 mm<sup>2</sup>

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [MINIATURE SPRING SOCKET ASSEMBLY SERIES 2 \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

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

- [2D Drawing \(DXF, Version 0\)](#)
- [3D Model \(IGES, Version 0\)](#)
- [3D Model \(STEP, Version 0\)](#)

[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:

- Product Line = Mini-Spring Socket
- [Sleeve Style](#) = Closed Bottom
- [Sealant](#) = Without
- Wire/Cable Type = Discrete Wire
- Product Series = 3
- Profile = Zero

#### Electrical Characteristics:

- Contact - Rated Current (A) = 5

#### Termination Features:

- Wire/Cable Size (mm<sup>2</sup>) = 0.205 - 0.258
- Wire/Cable Size (AWG) = 23 - 24
- [Insertion Method](#) = Hand/Semi-Automatic
- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Press Fit

#### Dimensions:

- [Socket Length \(mm \[in\]\)](#) = 3.51 [0.138]
- Recommended Hole Size (mm [in]) = 1.32 [0.052]
- PCB Thickness, Recommended (mm [in]) = 0.79 - 3.18 [0.031 - 0.125]

#### Body Features:

- [Mating Pin Dia. Range \(mm \[in\]\)](#) = 0.56 - 0.64 [0.022 - 0.025]

#### Contact Features:

- [Contact Spring Plating](#) = Gold (30)
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.00076 [0.03]
- Contact Type = Socket
- Contact Base Material = Beryllium Copper

#### Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Environmental:

- Operating Temperature (°C [°F]) = -65 - +126 [-85 - +258]

#### Conditions for Usage:

- Applies To = Wire/Cable, Printed Circuit Board

#### Operation/Application:

- Application Use = Board-to-Board, Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)/Power
- Application = Production

- [Sleeve Material Plating](#) = Tin
- [Wire Type](#) = Solid
- [Sleeve Material](#) = Copper
- [Spring Material](#) = Beryllium Copper

**Packaging Features:**

- [Packaging Method](#) = Loose Piece
- [Packaging Quantity](#) = 2,000/Bag

**Other:**

- [Brand](#) = AMP

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