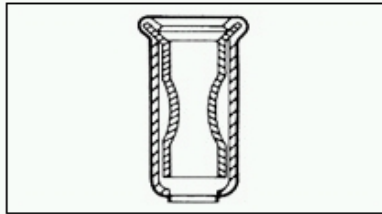


1-50871-8 Product Details



1-50871-8

TE Internal Number: 1-50871-8

Active

[View 3D PDF](#)

Discrete Sockets

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

Product Highlights:

- Mating Pin Dia. Range = 1.42 - 1.65 mm
- Socket Length = 7.32 mm
- Sleeve Style = Open Bottom
- Gold Flash over Nickel Sleeve Material Plating
- Gold (30) Contact Spring Plating

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [MINIATURE SPRING SOCKET ASSEMBLY SERIES 5](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Miniature Spring Socket Contacts](#) (PDF, English)

Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version AE4)
- [3D Model](#) (IGES, Version AE4)
- [3D Model](#) (STEP, Version AE4)

[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:

- [Socket Length \(mm \[in\]\)](#) = 7.32 [0.288]
- [Sleeve Style](#) = Open Bottom
- [Sealant](#) = Without
- Sleeve Material = Copper
- Recommended Hole Size (mm [in]) = 2.59 [0.102]

Body Features:

- [Mating Pin Dia. Range \(mm \[in\]\)](#) = 1.42 - 1.65 [0.056 - 0.065]
- [Sleeve Material Plating](#) = Gold Flash over Nickel
- Spring Material = Beryllium Copper

Contact Features:

- [Contact Spring Plating](#) = Gold (30)
- [Contact Base Material](#) = Beryllium Copper

Configuration Features:

- [Insertion Method](#) = Hand/Semi-Automatic

Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Reflow 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

Operation/Application:

- Application = Production

Packaging Features:

- [Packaging Method](#) = Loose Piece

Other:

- Brand = AMP

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