



+ CONNECTORS

DISCRETE SOCKETS



✓ Active

TE CONNECTIVITY (TE)

SOCKET,MIN-SPR W/H SN-AU SER-5

MINI-SPRING SOCKETS | Series 5

1-5050871-9

TE Internal Number: 1-5050871-9

Alias ID: 1412352

EU RoHS Compliant

EU ELV Compliant

Hole Size (Recommended) 2.56 mm [.101 in]

Socket Length 7.32 mm [.288 in]

Sealant Without

Sleeve Style Open Bottom

Wire/Cable Size 1.31 – 2.08 mm² [16 – 14 AWG]

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

MINIATURE SPRING SOCKET ASSEMBLY SERIES 5

PDF

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Sleeve Style Open Bottom

Connector System Cable-to-Board

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Product Type Contact

Profile Zero

Wire/Cable Type Discrete Wire

Body Features

Sealant Without

Sleeve Plating Material Tin

Sleeve Material Copper

Contact Features

Contact Current Rating (Max) (A) 7.5

Contact Type Socket

Contact Spring Plating Thickness .762 μm [30 μin]

Contact Spring Plating Material Gold

Contact Mating Area Plating Thickness 30 μm [30 μin]

Contact Transmits (Typical) Signal (Data)/Power

Contact Base Material Beryllium Copper

Socket Type Discrete

Termination Features

Termination Method to PC Board Through Hole - Press-Fit

Termination Method to Wire/Cable Solder

Insertion Method Hand/Semi-Automatic

Dimensions

Socket Length 7.32 mm [.288 in]

Hole Size (Recommended) 2.56 mm [.101 in]

Wire/Cable Size 1.31 – 2.08 mm² [16 – 14 AWG]

Mating Pin Diameter Range 1.42 – 1.65 mm [.056 – .065 in]

PCB Thickness (Recommended) .79 – 3.18 mm [.031 – .125 in]

Usage Conditions

Operating Temperature Range -65 – 125 °C [-85 – 257 °F]

Operation/Application

Circuit Application Power, Signal

Packaging Features

Packaging Method Bag, Loose Piece

Packaging Quantity 2000

Other

Spring Material Beryllium Copper

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
