



## DISCRETE SOCKETS



TE CONNECTIVITY (TE)

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

MINI-SPRING SOCKETS | Series 5

5050871-1

TE Internal Number: 5050871-1

Always EU RoHS/ELV Compliant

Socket Length **7.32 mm [ .288 in ]**

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

Sealant **Without**

Sleeve Style **Open Bottom**

Wire/Cable Size **.823 – 1.04 mm<sup>2</sup> [ 18 – 17 AWG ]**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

#### 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

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**

Product Type

**Contact**

Profile

**Zero**

Wire/Cable Type

**Discrete Wire**

Applies To

**Printed Circuit Board, Wire/Cable**

#### Body Features

Sealant

**Without**

Spring Material

**Beryllium Copper**

Sleeve Plating Material	<b>Tin</b>
Sleeve Material	<b>Copper</b>

Contact Features	Contact Current Rating (A)	<b>7.5</b>
	Contact Transmits (Typical)	<b>Signal (Data)/Power</b>
	Contact Spring Plating Thickness	<b>.762 µm [ 30 µin ]</b>
	Contact Base Material	<b>Beryllium Copper</b>
	Contact Mating Area Plating Thickness	<b>.76 µm [ 30 µin ]</b>
	Socket Type	<b>Discrete</b>
	Contact Type	<b>Socket</b>
	Contact Spring Plating Material	<b>Gold</b>
	Contact Mating Area Plating Material	<b>Gold</b>

Termination Features	Termination Method to PC Board	<b>Through Hole - Press-Fit</b>
	Termination Method to Wire/Cable	<b>Solder</b>
	Insertion Method	<b>Hand/Semi-Automatic</b>

Dimensions	Socket Length	<b>7.32 mm [ .288 in ]</b>
	Hole Size (Recommended)	<b>2.56 mm [ .101 in ]</b>
	Wire/Cable Size	<b>.823 – 1.04 mm<sup>2</sup> [ 18 – 17 AWG ]</b>
	Mating Pin Diameter Range	<b>1.07 – 1.24 mm [ .042 – .049 in ]</b>
	PCB Thickness (Recommended)	<b>.79 – 3.18 mm [ .031 – .125 in ]</b>

Usage Conditions	Operating Temperature Range	<b>-65 – 125 °C [ -85 – 257 °F ]</b>
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Packaging Features	Packaging Quantity	<b>2000</b>
	Packaging Method	<b>Bag, Loose Piece</b>

Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

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