



DISCRETE SOCKETS



TE CONNECTIVITY (TE) SOCKET,MIN-SPR SN SER-5 MINI-SPRING SOCKETS | Series 5

50871-8
TE Internal Number: 50871-8

Not EU RoHS or ELV Compliant
[Find Compliant Alternatives](#)

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

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

Sealant **Without**

Sleeve Style **Closed Bottom**

Wire/Cable Size **.823 – 1.04 mm² [18 – 17 AWG]**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[MINIATURE SPRING SOCKET ASSEMBLY SERIES 5](#)

PDF
English

CAD Files

[3D PDF](#)
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3D

[Customer View Model](#)

2D_DXF.ZIP
English

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3D_STP.ZIP
English

Product Specifications

Application Specification

[Miniature Spring Socket Contacts](#)

PDF
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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	Closed 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	Tin
	Sleeve Material	Copper
Contact Features	Contact Current Rating (A)	7.5
	Contact Transmits (Typical)	Signal (Data)/Power
	Contact Spring Plating Thickness	2.54 μm [30 μin]
	Contact Base Material	Beryllium Copper
	Contact Mating Area Plating Thickness (μ m)	2.54
	Socket Type	Discrete
	Contact Type	Socket
	Contact Spring Plating Material	Tin
	Contact Mating Area Plating Material	Tin
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	.823 – 1.04 mm² [18 – 17 AWG]
	Mating Pin Diameter Range	1.07 – 1.24 mm [.042 – .049 in]
	PCB Thickness (Recommended)	.79 – 3.18 mm [.031 – .125 in]
Usage Conditions	Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
Packaging Features	Packaging Quantity	2000
	Packaging Method	Bag, Loose Piece
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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