

DISCRETE SOCKETS



TE CONNECTIVITY (TE) SOCKET,MIN-SPR SN-AU SER-4 MINI-SPRING SOCKETS | Series 4

50865-5

TE Internal Number: 50865-5

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Socket Length **6.6 mm [.26 in]**

Hole Size (Recommended) **1.83 mm [.072 in]**

Sealant **Without**

Sleeve Style **Closed Bottom**

Wire/Cable Size **.518 – .823 mm² [20 – 18 AWG]**

✓ Active

 [PRODUCT DRAWING](#)
English

 [3D PDF](#)

Product Drawings

MINIATURE SPRING SOCKET ASSEMBLY SERIES 4

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

[MD_50865-5_081120141227_dmtec](#)
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

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
<hr/>		
Contact Features	Contact Current Rating (A)	7.5
	Contact Transmits (Typical)	Signal (Data)/Power
	Contact Spring Plating Thickness	.127 µm [30 µin]
	Contact Base Material	Beryllium Copper
	Contact Mating Area Plating Thickness	.76 µm [30 µin]
	Socket Type	Discrete
	Contact Type	Socket
	Contact Spring Plating Material	Gold
	Contact Mating Area Plating Material	Gold
<hr/>		
Termination Features	Termination Method to PC Board	Through Hole - Press-Fit
	Termination Method to Wire/Cable	Solder
	Insertion Method	Hand/Semi-Automatic
<hr/>		
Dimensions	Socket Length	6.6 mm [.26 in]
	Hole Size (Recommended)	1.83 mm [.072 in]
	Wire/Cable Size	.518 – .823 mm² [20 – 18 AWG]
	Mating Pin Diameter Range	.86 – 1.04 mm [.034 – .041 in]
	PCB Thickness (Recommended)	.79 – 3.18 mm [.031 – .125 in]
<hr/>		
Usage Conditions	Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
<hr/>		
Packaging Features	Packaging Quantity	2000
	Packaging Method	Bag, Loose Piece
<hr/>		
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	