

Mini Spring Sockets: Closed Bottom, 3A



[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets



Solder Process Feature: **None**

Mating Pin Diameter Range: **.33 - .51 mm**

Termination Method to Printed Circuit Board: **Through Hole - Press-Fit**

Termination Method to Wire & Cable: **Solder**

Connector System: **Cable-to-Board**

Features

Product Type Features

Socket Sleeve Style	Closed, Closed Bottom
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Wire/Cable Type	Discrete Wire
Profile	Zero
Product Type	Contact

Body Features

Sleeve Material	Copper
Sleeve Plating Material	Gold Flash over Nickel, Gold, Tin

Contact Features

Contact Spring Plating Material	Gold, Tin
Contact Spring Plating Thickness (µm)	.762, 2.54
Contact Spring Plating Thickness (µin)	15, 30
Contact Base Material	Beryllium Copper
Contact Current Rating (Max) (A)	3
Socket Type	Discrete
Contact Mating Area Plating Material	Gold
Contact Transmits (Typical)	Signal (Data)/Power

Contact Mating Area Plating Thickness (μm)	2.54, 30
Contact Mating Area Plating Thickness (μin)	30
Contact Type	Socket

Termination Features

Insertion Method	Hand/Semi-Automatic
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Method to Wire & Cable	Solder

Dimensions

Socket Length (mm)	3.61, 4.27, 4.52, 5.84
Socket Length (in)	.142, .168, .178, .23
Hole Size (Recommended) (mm)	1.02, 1.04
Hole Size (Recommended) (in)	.04, .041
Wire Size (AWG)	28 - 25
Wire Size (mm ²)	.081 - .162
Mating Pin Diameter Range (mm)	.33 - .51
Mating Pin Diameter Range (in)	.013 - .02
PCB Thickness (Recommended) (mm)	.79 - 3.18
PCB Thickness (Recommended) (in)	.031 - .125

Usage Conditions

Operating Temperature Range (°C)	-65 - 125
Operating Temperature Range (°F)	-85 - 257

Operation/Application

Solder Process Feature	None
Circuit Application	Power & Signal, Signal

Packaging Features

Packaging Quantity	2000
Packaging Method	Bag, Loose Piece

Other

Spring Material	Beryllium Copper
-----------------	------------------

Reference Number

TE Internal Number	CAT-377-MSSCB3
--------------------	----------------



SEE PRODUCTS ON NEXT PAGE

Products (1 of 3)



SOCKET,MIN-SPR SN-AU SER-1



SOCKET,MIN-SPR AU-AU SER-1



SOCKET,MIN-SPR AU SER-1



SOCKET,MIN-SPR AU SER-1

TE Part #	6-5330808-5	50935	2-330808-8	2-332095-1
Socket Length	3.61 mm	4.27 mm	3.61 mm	4.52 mm
Hole Size (Recommended)	1.04 mm	1.04 mm	1.04 mm	1.04 mm
Socket Sleeve Style	Closed Bottom	Closed Bottom	Closed Bottom	Closed Bottom
Wire Size	28 - 25 AWG	28 - 25 AWG	28 - 25 AWG	28 - 25 AWG
Circuit Application	Signal	Power & Signal	Power & Signal	Power & Signal
Operating Temperature Range	-65 - 125 °C	-65 - 125 °C	-65 - 125 °C	-65 - 125 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

Products (2 of 3)



SOCKET,MIN-SPR SN SER-1



SOCKET,MIN-SPR SN-AU SER-1



SOCKET,MIN-SPR SN-SN SER-1



SOCKET,MIN-SPR AU-AU SER-1

TE Part #	2-5330808-7	2-5332095-4	5050935-2	147444-1
Socket Length	3.61 mm	4.52 mm	4.27 mm	5.84 mm
Hole Size (Recommended)	1.04 mm	1.04 mm	1.04 mm	1.02 mm
Socket Sleeve Style	Closed Bottom	Closed Bottom	Closed Bottom	Closed
Wire Size	28 - 25 AWG	28 - 25 AWG	28 - 25 AWG	
Circuit Application	Signal	Power & Signal	Power & Signal	Power & Signal
Operating Temperature Range	-65 - 125 °C	-65 - 125 °C	-65 - 125 °C	
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

Products (3 of 3)



SOCKET,MIN-SPR SN SER-1



SOCKET,MIN-SPR SN-AU SER-1



SOCKET,MIN-SPR SN-AU SER-1



SOCKET,MSS SER 1

TE Part #	2-330808-7	6-330808-5	5050935-1	9-330808-3
Socket Length	3.61 mm	3.61 mm	4.27 mm	3.61 mm
Hole Size (Recommended)	1.04 mm	1.04 mm	1.04 mm	1.04 mm
Socket Sleeve Style	Closed Bottom	Closed Bottom	Closed Bottom	Closed Bottom
Wire Size	28 - 25 AWG	28 - 25 AWG	28 - 25 AWG	28 - 25 AWG
Circuit Application	Power & Signal	Power & Signal	Power & Signal	Power & Signal
Operating Temperature Range	-65 - 125 °C	-65 - 125 °C	-65 - 125 °C	-65 - 125 °C
EU RoHS Directive 2011/65 /EU	Not EU RoHS Compliant	Not EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	Not EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.

