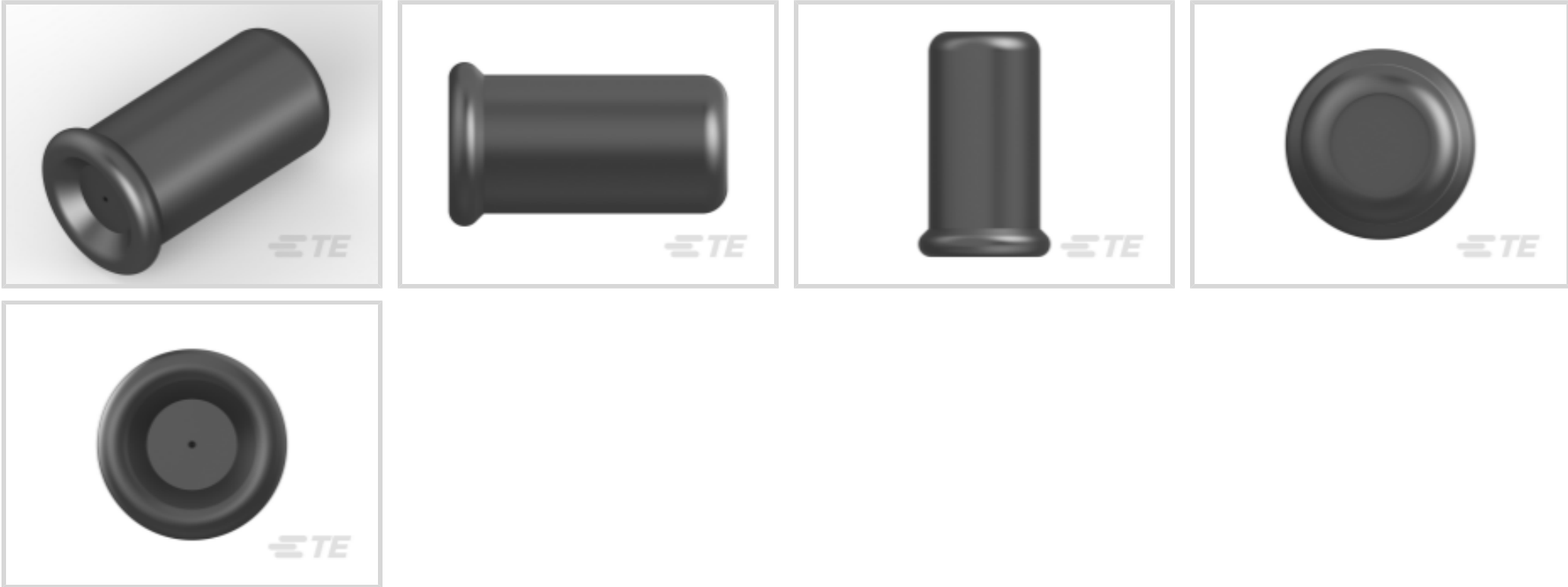




TE Internal #: 2-5332070-5  
Pin Sockets, Socket Length 3.63 mm [.143 in], PCB Hole Diameter .072 in [1.83 mm], Open Bottom, .41 – .518 mm² Wire Size, 20 – 21 AWG Wire Size  
[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Open Bottom, Beryllium Copper, 6.5A



Socket Length: 3.63 mm [.143 in]  
PCB Hole Diameter: 1.83 mm [.072 in]  
Socket Sleeve Style: Open Bottom  
Wire Size: .41 – .518 mm²

[All Miniature Spring Sockets: Open Bottom, Beryllium Copper, 6.5A \(9\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Socket Sleeve Style               | Open Bottom           |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Body Features

|                         |        |
|-------------------------|--------|
| Sleeve Material         | Copper |
| Sleeve Plating Material | Tin    |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Spring Plating Material                | Gold             |
| Contact Spring Plating Thickness               | .685 µm[30 µin]  |
| Contact Mating Area Plating Material Thickness | 30 µm[30 µin]    |
| Contact Base Material                          | Beryllium Copper |



|                              |       |
|------------------------------|-------|
| Contact Current Rating (Max) | 6.5 A |
|------------------------------|-------|

Termination Features

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

Dimensions

|                             |                                |
|-----------------------------|--------------------------------|
| PCB Thickness (Recommended) | .79 – 3.18 mm [.031 – .125 in] |
| Socket Length               | 3.63 mm [.143 in]              |
| PCB Hole Diameter           | 1.83 mm [.072 in]              |
| Wire Size                   | .41 – .518 mm²                 |
| Mating Pin Diameter Range   | .76 – .84 mm [.03 – .033 in]   |

Usage Conditions

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

Operation/Application

|                        |                |
|------------------------|----------------|
| Solder Process Feature | None           |
| Circuit Application    | Power & Signal |

Packaging Features

|                    |                  |
|--------------------|------------------|
| Packaging Quantity | 2000             |
| Packaging Method   | Bag, Loose Piece |

Other

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC                                                  |



|                           |                               |
|---------------------------|-------------------------------|
|                           | Free                          |
| Solder Process Capability | Pin-in-Paste capable to 260°C |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 4-5332070-4  
SOCKET,MIN-SPR W/N SN-AU SER-4



TE Part # 332070  
SOCKET,MIN-SPR AU SER-4

Documents

Product Drawings  
SOCKET,MIN-SPR W/H SN-AU SER-4  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2-5332070-5\_A.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2-5332070-5\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2-5332070-5\_A.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English