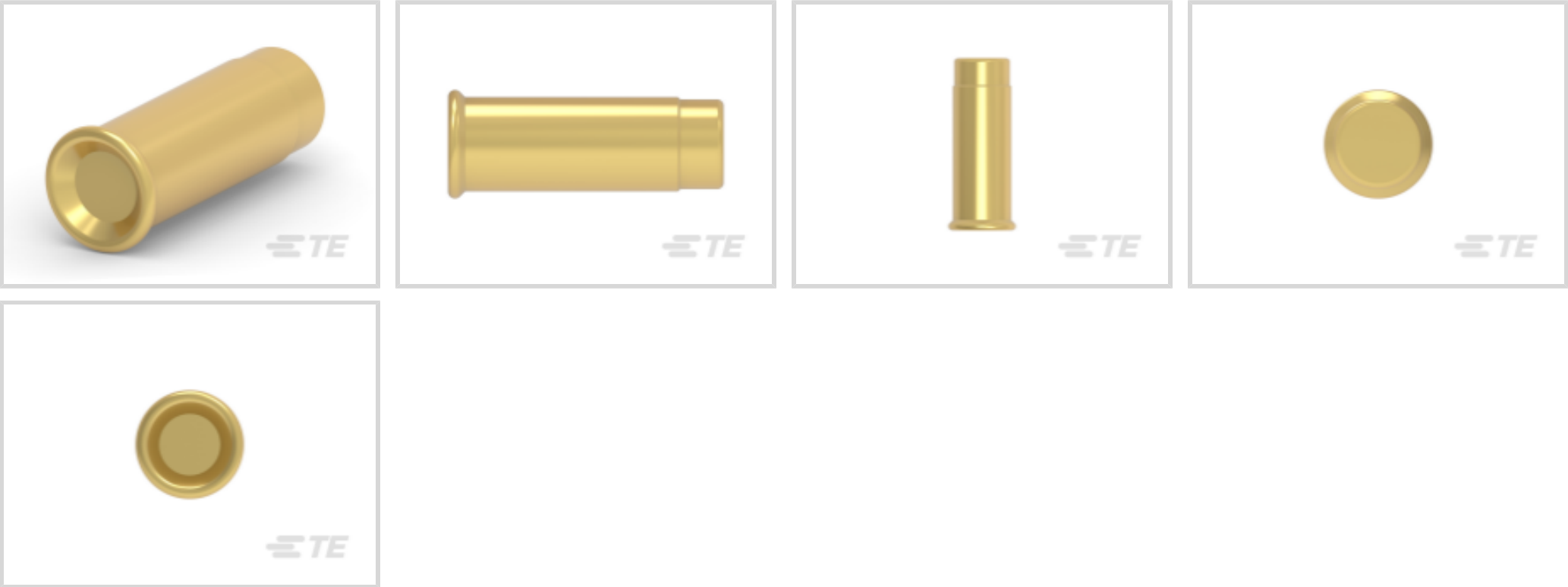




TE Internal #: 2-50871-2
Pin Sockets, Socket Length .288 in [7.32 mm], None, Closed Bottom, 1.31 – 2.08 mm² Wire Size, 16 – 14 AWG Wire Size, Through Hole - Press-Fit, Solder
[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 7.5A



Socket Length: 7.32 mm [.288 in]
Hole Size (Recommended): 2.56 mm [.101 in]
Solder Process Feature: **None**
Socket Sleeve Style: **Closed Bottom**
Wire Size: 16 – 14 AWG

[All Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 7.5A \(13\)](#)

Features

Product Type Features

Socket Sleeve Style	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

Contact Features

Contact Spring Plating Material	Gold
Contact Spring Plating Thickness	.762 µm[30 µin]



Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	7.5 A
Socket Type	Discrete
Contact Transmits (Typical)	Signal (Data)/Power
Contact Mating Area Plating Thickness	30 µm[30 µin]
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	7.32 mm[.288 in]
Hole Size (Recommended)	2.56 mm[.101 in]
Wire Size	1.31 – 2.08 mm²
Mating Pin Diameter Range	1.42 – 1.65 mm[.056 – .065 in]
PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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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
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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: JAN 2022 (223)
Candidate List Declared Against: OCT 2008 (15)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2-5050871-4
SOCKET,MIN-SPR W/H SN SER-5

Customers Also Bought



TE Part #640457-2
02P MTA100 HDR ASSY SQ R/A F/L



TE Part #825457-3
MOD II HSG R.A. 3 POS



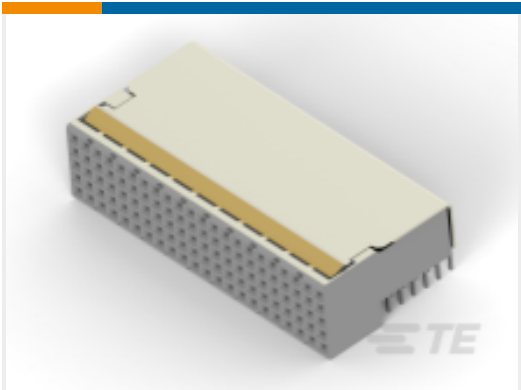
TE Part #5-534204-4
30 MODU 2-PC CE RECP ASSY, RoHS



TE Part #6-1623930-6
CFR25 5% 2K2



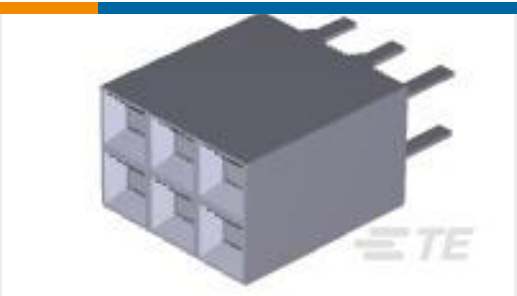
TE Part #3-1623931-8
CFR25 5% 4K7



TE Part #3-352152-0
Z-PACK/B F-HDR 110P



TE Part #YD369-B66-NS400000
369 6 WAY PANEL MNT REC, 90 PCB
GOLD,SKT



TE Part #5-534206-3
06 MODII VRT DR CE 100/115



TE Part #205043-1
12 PL. BLOCK FEM.

Documents

Product Drawings

SOCKET,MIN-SPR AU SER-5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-50871-2_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-50871-2_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-50871-2_W.3d_stp.zip

English

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

Product Specifications

Application Specification

English