

1871132-1  ACTIVE

[Dynamic Series](#) | [Dynamic 7000 Series](#)

TE Internal #: 1871132-1

Socket Contact, Gold, 6 AWG Wire Size, 10.6 - 16.7 mm<sup>2</sup> Wire Size,

Power, -67 - 221 °F [-55 - 105 °C], Dynamic 7000 Series

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Contact: Component To Wire; 55-60A, 16-6 Wire Size



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Size: **10.6 - 16.7 mm<sup>2</sup>**

Product Terminates To: **Wire & Cable**

[All Contact: Component To Wire; 55-60A, 16-6 Wire Size \(10\)](#)

## Features

### Contact Features

Mating Pin Diameter 6.28 mm [.25 in]

Contact Type **Socket**

Contact Mating Area Plating Material **Gold**

Contact Current Rating (Max) 65 A

### Termination Features

Product Terminates To **Wire & Cable**

### Dimensions

Wire Size 10.6 - 16.7 mm<sup>2</sup>

### Usage Conditions

Operating Temperature Range -55 - 105 °C [-67 - 221 °F]

### Operation/Application

Circuit Application **Power**

### Packaging Features

Packaging Method **Box & Tray**

## 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Not applicable for solder process capability

## Product Compliance Disclaimer

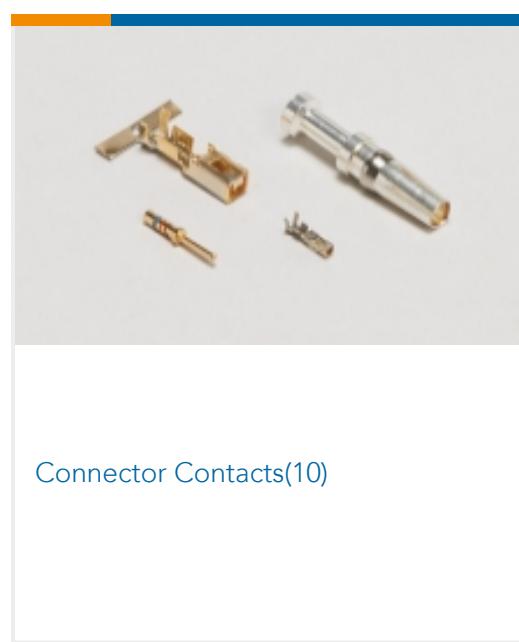
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2134055-1  
DYNAMIC D7100 SOCKET HSG ASSY  
4P XX

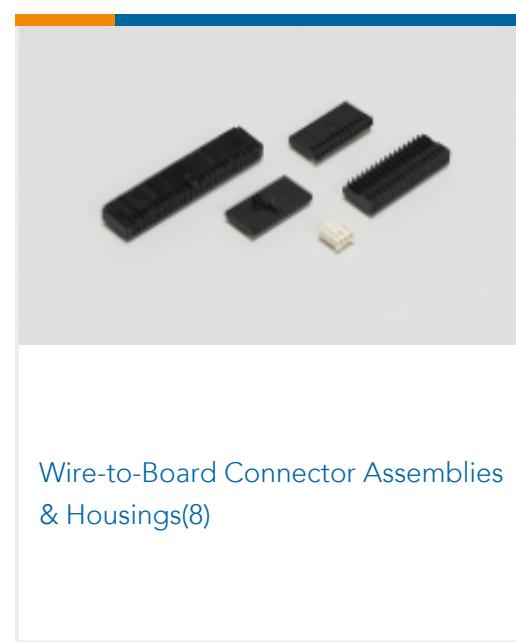
## Also in the Series | [Dynamic 7000 Series](#)



Connector Contacts(10)



PCB Headers &amp; Receptacles(1)



Wire-to-Board Connector Assemblies &amp; Housings(8)

## Customers Also Bought

TE Part # 1-179552-3  
DYNAMIC D-3200 WTW TAB HSG 3PTE Part # 178325-2  
Header Assembly: Wire-to-Board, 15A, gold or tin platedTE Part # 1-178136-2  
DYNAMIC D3200 HDR V ASSY 3PTE Part # 175149-1  
UNIVERSAL POWER CONN TABTE Part # 1871131-2  
DYNAMIC D7 PIN CONTACT NML AG PL #08

## Documents

### Product Drawings

[DYNAMIC D7 SOCKET CONT ASSY AG PL #06](#)

Japanese

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1871132-1\\_C\\_c-1871132-1-c.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1871132-1\\_C\\_c-1871132-1-c.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1871132-1\\_C\\_c-1871132-1-c.3d\\_stp.zip](#)

English

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

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**Product Specifications**

[Application Specification](#)

Japanese

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**Agency Approvals**

[TUV Certificate](#)

English