# 1871132-1 ✓ ACTIVE

#### Dynamic Series | Dynamic 7000 Series

TE Internal #: 1871132-1

Connector Contact, Socket, Component-to-Wire, 6 AWG Wire Size, 10.6 – 16.7 mm<sup>2</sup> Wire Size, Gold, Box & Tray, Wire & Cable, 65 A,

Dynamic 7000 Series

View on TE.com >



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



Contact Type: Socket

Connector System: Component-to-Wire

Wire Size: 10.6 – 16.7 mm<sup>2</sup>

Contact Mating Area Plating Material: Gold

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

#### **Features**

#### **Product Type Features**

Contact Footons	
Connector & Contact Terminates To	Wire & Cable
Connector System	Component-to-Wire

#### 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

#### **Dimensions**

Wire Size	10.6 – 16.7 mm²
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#### **Usage Conditions**

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

### Operation/Application

Circuit Application	Power
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## **Packaging Features**



### **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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

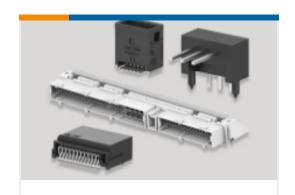
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | Dynamic 7000 Series

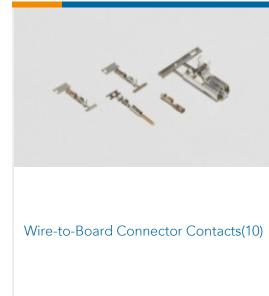




PCB Headers & Receptacles(1)



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



## Customers Also Bought











#### **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



## Datasheets & Catalog Pages

1-1773732-4\_DYNAMIC\_SERIES\_CATALOG\_ENGLISH

Japanese

1-1773732-4\_DYNAMIC\_SERIES\_CATALOG\_ENGLISH

English

**Product Specifications** 

**Application Specification** 

Japanese

Product Environmental Compliance

**Product Compliance** 

English

**Product Compliance** 

English

**Agency Approvals** 

**TUV Certificate** 

English