

TE Internal #: T2196502070-001

Socket Contact, Silver, Holder Contact Retention, Contact Size Size

20, Discrete Wire, 2/0 AWG, 70 mm<sup>2</sup> Wire, Crimp, Copper, Power[View on TE.com >](#)

Connectors &gt; Contacts &gt; Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Silver**Wire Contact Termination Area Plating Material: **Silver**Contact Retention Type Within Housing: **Holder**Contact Size: **Size 20**

## Features

### Electrical Characteristics

Contact Resistance	1 mΩ
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### Product Type Features

Discrete Wire Type	Solid or Stranded
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### Operation/Application

Compatible With Wire Base Material	Copper
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Circuit Application	Power
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### Contact Features

Contact Mating Area Plating Material Finish	Bright
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Contact Type	Socket
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Contact Mating Area Plating Material	Silver
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Wire Contact Termination Area Plating Material	Silver
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Contact Size	Size 20
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Contact Base Material	Copper
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Contact Current Rating (Max)	300 A
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### Mechanical Attachment

Contact Retention Type Within Housing

Holder

**Configuration Features**

Compatible With Wire &amp; Cable Type

Discrete Wire

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

Product Terminates To

Wire &amp; Cable

**Dimensions**

Wire Size

70 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-40 – 125 °C [-40 – 257 °F]

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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 2024  
(241)Candidate List Declared Against: JUNE  
2024 (241)

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 reviewed 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 # T2196501070-001  
HCM650-MC-70



TE Part # T2196503201-000  
HCM650-FC

## Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



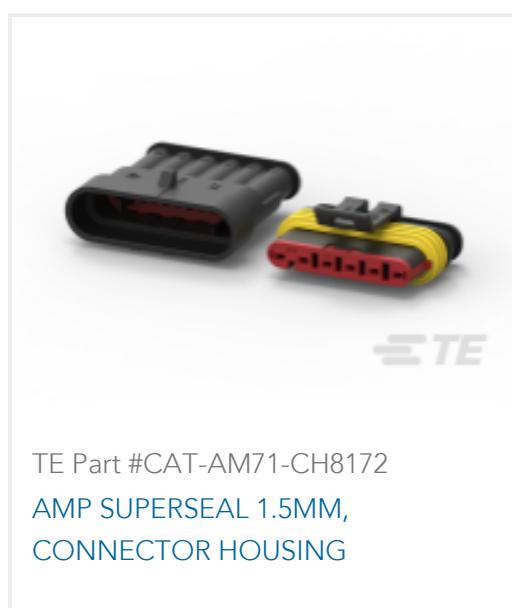
TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

[HCM650-FC-70](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_T2196502070-001\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_T2196502070-001\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_T2196502070-001\\_A.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

**HEAVY DUTY CONNECTORS**

English

**HEAVY DUTY CONNECTORS**

Japanese

**Product Specifications**

**Application Specification**

English