



HDC | HDC HE

TE Internal #: T2030002008-000

Socket Contact, Silver, 250 VAC, Discrete Wire, 18 AWG Wire Size, .75 mm<sup>2</sup> Wire Size, Crimp, Copper Alloy, Power & Signal, HDC HE

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Silver**

Wire Contact Termination Area Plating Material: **Silver**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

**Features**

**Mechanical Attachment**

Wire Insulation Support	Without
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**Packaging Features**

Packaging Method	Box
Packaging Quantity	100

**Operation/Application**

Compatible With Wire Base Material	Copper
Circuit Application	Power & Signal

**Product Type Features**

Discrete Wire Type	Solid or Stranded
Sealable	No

**Electrical Characteristics**

Contact Resistance	5 mΩ
Operating Voltage	250 VAC

**Contact Features**

Contact Shape & Form	Round
Contact Underplating Material	Copper
Contact Orientation	Straight



Barrel Type	Closed
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 µm[78.74 µin]
Contact Length	22.2 mm[.874 in]
Contact Type	Socket
Contact Mating Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 A

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Dimensions

Wire Size	.75 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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### Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # T2030001008-000  
CEM-0.75



TE Part # T2040244201-000  
HE-024-FC



TE Part # T2040164201-007  
HE-016-FC



TE Part # T3100000022-000  
RPC-M23-T-B



TE Part # T2040244201-007  
HE-024-FC




TE Part # T3100000001-000  
CRIMPBOX-0.14/4.0




TE Part # T2050322201-003  
HEE-032-F, 2x M4 SCREW

## Also in the Series | HDC HE

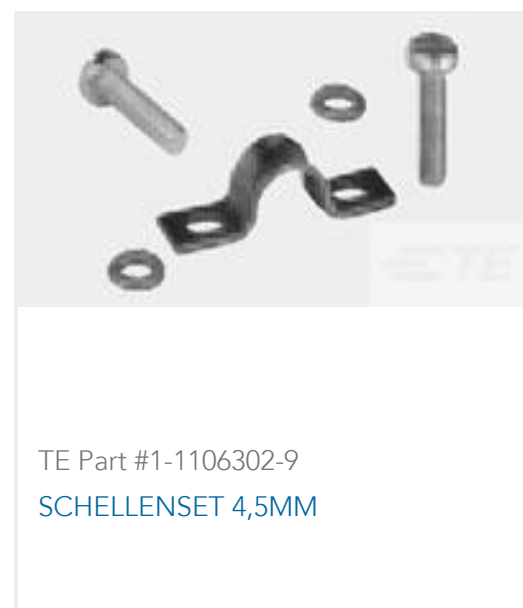
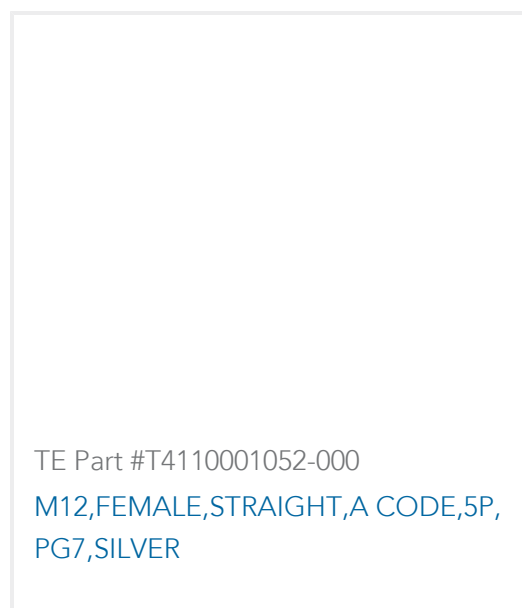


Connector Contacts(32)



Rectangular Contact Inserts(121)

## Customers Also Bought



## Documents

### Product Drawings

CEF-0.75

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_T2030002008-000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_T2030002008-000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_T2030002008-000\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**Heavy Duty Connectors**

English

**HEAVY DUTY CONNECTORS**

English

**HEAVY DUTY CONNECTORS**

Japanese

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**Product Specifications**

**Application Specification**

English