



Connectors > Contacts > Connector Contacts > HDC BESS Stacked Hybrid Connector 120 A



Contact Type: **Socket**

Contact Mating Area Plating Material: **Silver (Ag)**

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

Operating Voltage: **250 VAC**

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

[All HDC BESS Stacked Hybrid Connector 120 A \(2\)](#)

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

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 (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	4 mm²
-----------	-------

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Box
Packaging Quantity	100

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74018819) Article Safe Usage Statements: 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

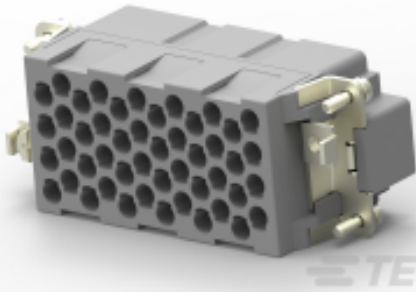
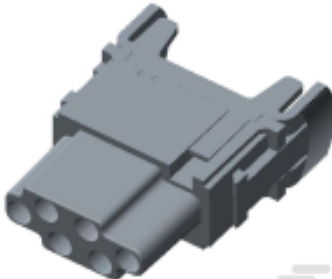
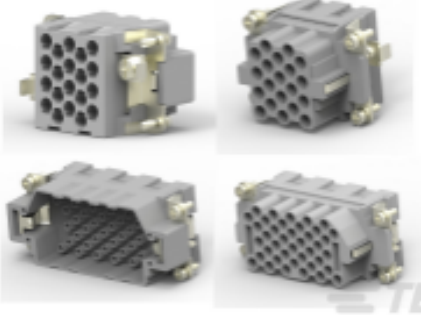
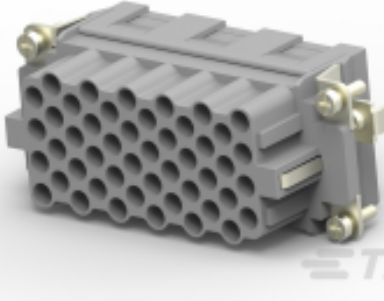
Solder Process Capability

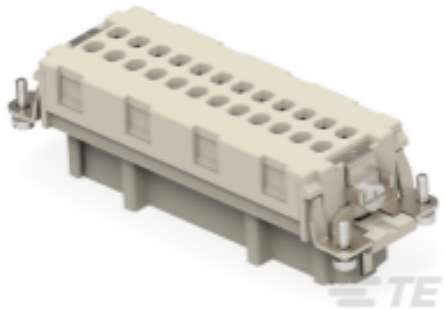
Not reviewed for solder process capability

Product Compliance Disclaimer

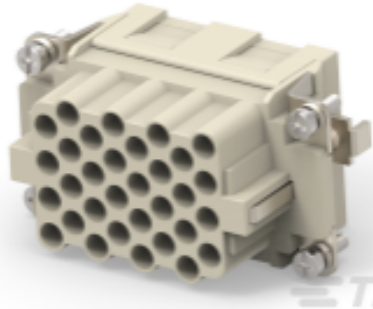
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # T2059102201-000 HEE-010-F	 TE Part # T2059722201-000 HEEE-072-F	 TE Part # T2059402201-000 HEEE-040-F	 TE Part # T2031001040-100 MCEM-4.0
 TE Part # T2080052201-000 HQ-005-F	 TE Part # T2050922201-000 HEE-046-F 47-92	 TE Part # T2111062201-001 HMN-006-F, NO LOGO	 TE Part # CAT-H3399-IN722A HDC HEEE Insert Series, Rail Compliant
 TE Part # T2040324201-000 HE-016-FC 17-32	 TE Part # T2059482201-000 HEEE-048-F	 TE Part # T2040164201-000 HE-016-FC	 TE Part # T2040484201-000 HE-024-FC 25-48



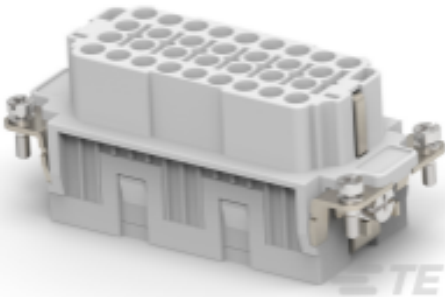
TE Part # T2040244201-000
[HE-024-FC](#)



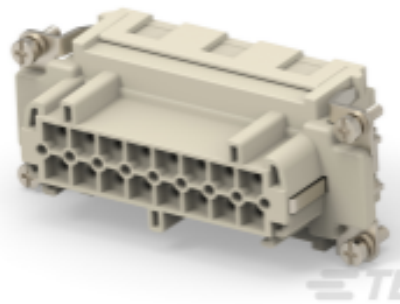
TE Part # T2050323201-001
[HEEE-032-F](#)



TE Part # T210018A201-000
[BPSC-4/2/12-F](#)



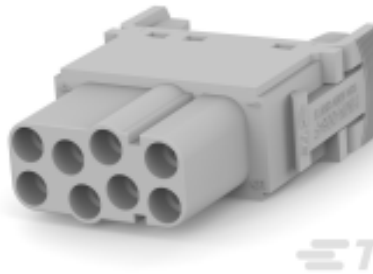
TE Part # T2050322201-003
[HEE-032-F, 2x M4 SCREW](#)



TE Part # T2040164201-007
[HE-016-FC](#)



TE Part # T2051442201-000
[HEEE-072-F 73-144](#)



TE Part # T2111082201-100
[HMN-008-F 9-16](#)



TE Part # T2050322201-000
[HEE-032-F](#)

Also in the Series | **HDC HE**



[Connector Contacts\(32\)](#)

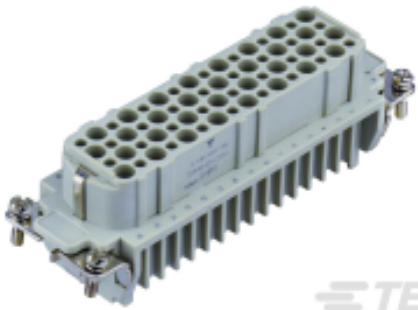


[Power Contacts\(32\)](#)

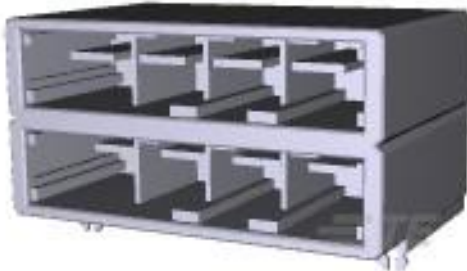


[Rectangular Contact Inserts\(121\)](#)

Customers Also Bought



TE Part #T2020642201-003
[HD-064-F](#)



TE Part #1123829-1
[DYNAMIC D-5200 HDR H ASSY 8P](#)



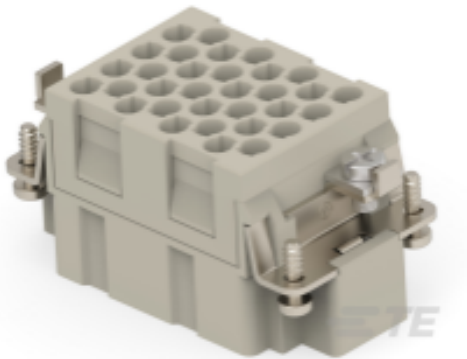
TE Part #T2030001015-000
[CEM-1.5](#)



TE Part #T2030002010-000
[CEF-1.0](#)



TE Part #T2030001010-000
[CEM-1.0](#)



TE Part #T2050323101-002
[HEEE-032-M](#)



TE Part #T2030001005-000
[CEM-0.5](#)



TE Part #T4171120008-002
[M12,REAR MOUNT,FEMALE, A, 8P, 0.5 M WIRE](#)



Documents

Product Drawings

CEF-4.0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T2030002040-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T2030002040-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T2030002040-000_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

English

HEAVY DUTY CONNECTORS

Japanese

HDC BESS STACKED HYBRID CONNECTOR 120 A

English

Product Specifications

Application Specification

English