



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Contact Resistance	5 mΩ
Operating Voltage	250 VAC

Contact Features

Contact Shape & Form	Round
Contact Underplating Material	Copper
Contact Orientation	Straight
Mating Pin Diameter	2.5 mm[.098 in]
Barrel Type	Closed
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 μm[78.74 μin]
Contact Length	25 mm[.98 in]
Contact Type	Pin



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
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Dimensions

Wire Size	2.5 mm²
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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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 12636643232) 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 # T2040164101-007 HE-016-MC	TE Part # T2019092101-004 HQ-008-M, WITH CONDUCTIVE SEAL	TE Part # T3100000001-000 CRIMPBOX-0.14/4.0	TE Part # T2030002025-000 CEF-2.5
TE Part # T2040244101-000 HE-024-MC	TE Part # T2040244101-007 HE-024-MC	TE Part # T2050322101-003 HEE-032-M, 2x M4 SCREW	TE Part # T3100000022-000 RPC-M23-T-B

Also in the Series | **HDC HE**

Connector Contacts(32)	Power Contacts(32)	Rectangular Contact Inserts(121)
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Customers Also Bought





TE Part #T1922160140-000
H16BPR-TGHC-M40



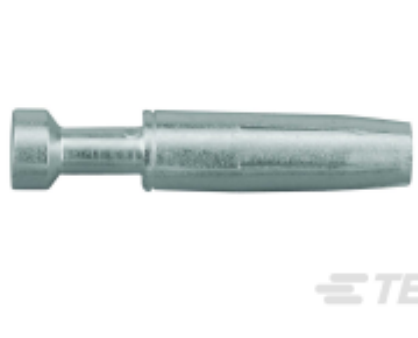
TE Part #T2050322201-000
HEE-032-F



TE Part #T1932160000-000
H16BPR-AGC



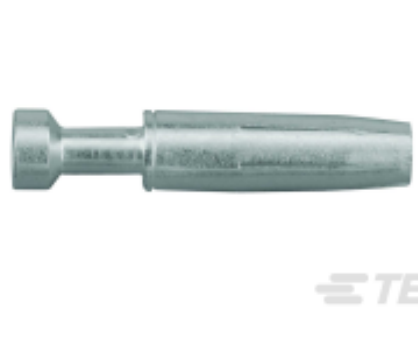
TE Part #T2040244101-000
HE-024-MC



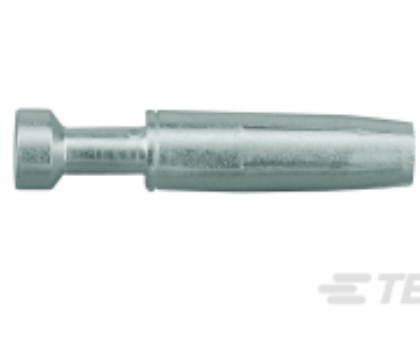
TE Part #T2030002010-000
CEF-1.0



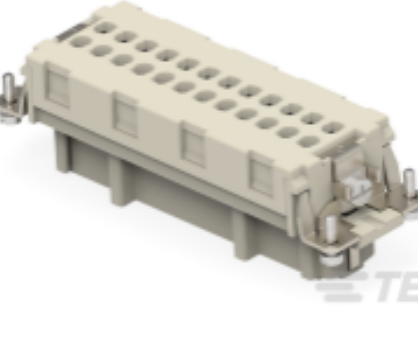
TE Part #T1912160140-000
H16BPR-TSHC-M40



TE Part #T2030002040-000
CEF-4.0



TE Part #T2030002015-000
CEF-1.5



TE Part #T2040244201-000
HE-024-FC

TE Part #T3509290001-000
SHD-PG29 BY OUTSOURCING

Documents

Product Drawings

CEM-2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T2030001025-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T2030001025-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T2030001025-000_A.3d_stp.zip

English

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Datasheets & Catalog Pages



Heavy Duty Connectors

English

HEAVY DUTY CONNECTORS

English

HEAVY DUTY CONNECTORS

Japanese

Product Specifications

Application Specification

English