



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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	Bag
Packaging Quantity	10

Operation/Application

Compatible With Wire Base Material	Copper
Circuit Application	Power

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Contact Features

Contact Shape & Form	Round
Contact Underplating Material	Copper



Contact Orientation	Straight
Mating Pin Diameter	8 mm[.315 in]
Barrel Type	Closed
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 µm[78.74 µin]
Contact Length	40 mm[1.575 in]
Contact Type	Pin
Contact Mating Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	100 A

Electrical Characteristics

Operating Voltage	250 VAC
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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	25 mm²
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)
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 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 # T2050002025-000
CNF-25

TE Part # T2111028101-000
HMN-D2-MC

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

TE Part # T3100000001-000
CRIMPBOX-0.14/4.0

TE Part # T3100000035-000
REMOV-HMN-D2

Also in the Series | [HDC 100A](#)



Connector Contacts(7)

Customers Also Bought



TE Part #T2100042101-000
HK4/0-004-M,WITH ONE SLOT SCREW



TE Part #T1010162100-000
H16B-KDBP



TE Part #T2111122101-000
HMN-012-M



TE Part #T2050001016-000
CNM-16



TE Part #T2050002016-000
CNF-16



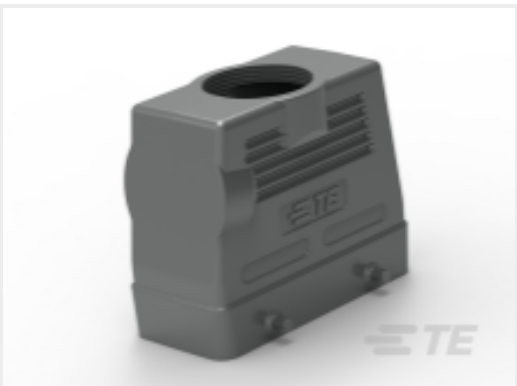
TE Part #T2050002025-000
CNF-25



TE Part #T2111028101-000
HMN-D2-MC



TE Part #T2100042201-000
HK4/0-004-F,WITH ONE SLOT SCREW



TE Part #T1240160129-000
H16B-TGH-PG29



TE Part #T2111028201-000
HMN-D2-FC

Documents

Product Drawings

CNM-25

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T2050001025-000_A.2d_dxf.zip

T2050001025-000

Pin Contact, Silver, 250 VAC, Discrete Wire, 4 AWG Wire Size, 25 mm² Wire Size, Crimp, Copper Alloy, Power, -40 – 125 °C [-40 – 257 °F], HDC 100A



English

Customer View Model

[ENG_CVM_CVM_T2050001025-000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T2050001025-000_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