

TE Internal #: T2196501070-001

Pin Contact, Silver, Holder Contact Retention, Size 20 Contact Size,
Discrete Wire, 2/0 AWG Wire Size, 70 mm² Wire Size, Crimp,
Copper, Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

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

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Contact Resistance	1 mΩ
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Contact Features

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

Termination Features

Termination Method to Wire & Cable

Crimp

Product Terminates To

Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing

Holder

Dimensions

Wire Size

70 mm²**Usage Conditions**

Operating Temperature Range

-40 - 125 °C [-40 - 257 °F]

Operation/Application

Compatible With Wire Base Material

Copper

Circuit Application

Power

Product ComplianceFor 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: JAN 2024

(240)

Candidate List Declared Against: JAN 2024

(240)

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

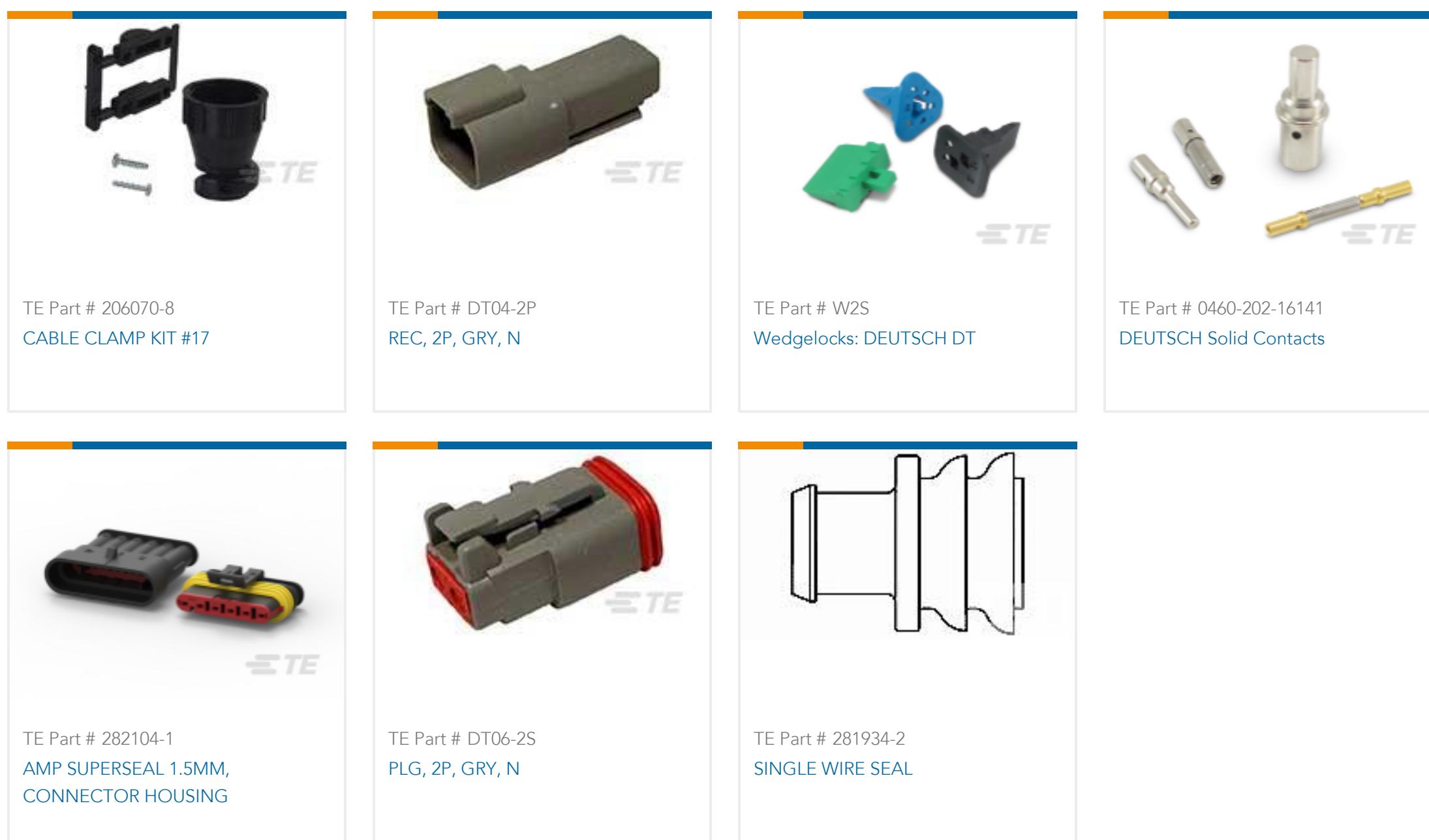
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

[HCM650-MC-70](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_T2196501070-001_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_T2196501070-001_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_T2196501070-001_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