

[Relays & Contactors > Relays > Mil-Aero Relays > TO-5/.100 Grid Relays](#)Contact Arrangement: **2 Form C, DPDT, 2 C/O**Input Voltage: **6 VDC**Coil Voltage Rating: **6 VDC**Coil Resistance: **200 Ω**Coil Power Rating DC: **180 mW**

Features

Configuration Features

Contact Arrangement	2 Form C, DPDT, 2 C/O
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Electrical Characteristics

Contact Current Rating	1 A
Contact Switching Voltage (Max)	28 VDC
Input Voltage	6 VDC
Coil Voltage Rating	6 VDC
Coil Resistance	200 Ω
Coil Power Rating DC	180 mW

Body Features

Enclosure Type	Hermetically Sealed
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Termination Features

Relay Connection Type	Flying Leads
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Usage Conditions

Operating Temperature Range	-65 - 125 °C
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Operation/Application

Vibration Resistance	30G's, 10 - 3000Hz
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Actuating System	DC
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Shock Resistance	75G's, 6ms
Coil Magnetic System	Non-Polarized, Monostable

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 2024 (240) Candidate List Declared Against: JAN 2022 (223) 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 lead free process capable

Product Compliance Disclaimer

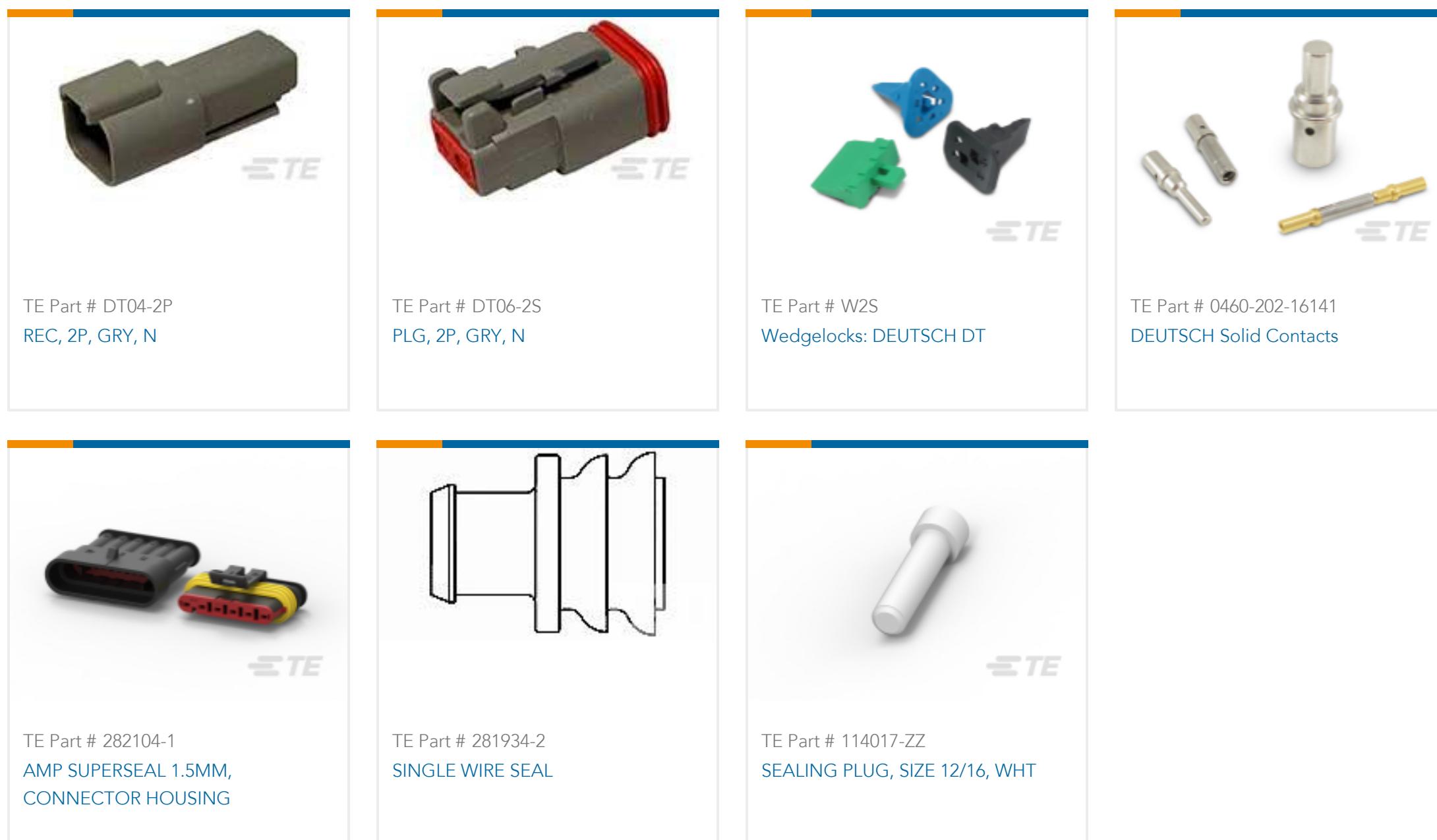
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-1617030-7
HFW1201G01M = M39016/6-116M

Customers Also Bought



Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1617131-8_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1617131-8_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1617131-8_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec1_MS](#)

English