

[Relays & Contactors](#) > [Relays](#) > [Mil-Aero Relays](#) > [TO-5/.100 Grid Relays](#)Contact Arrangement: **1 Form C, SPDT, 1 C/O**Input Voltage: **11.6 VDC**Coil Voltage: **18 VDC**Coil Resistance: **2300 Ω**Coil Power Rating DC: **141 mW**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Relay Options	Coil Polarity Protection Diode, Coil Suppression Diode
Relay Connection Type	PCB Solder Pins

Electrical Characteristics

Vibration Resistance	30G's, 10 – 3000Hz
Actuating System	DC
Coil Power Measurement	Milliwatts
Shock Resistance	75G's, 6ms
Contact Switching Voltage (Max)	28 VDC
Coil Magnetic System	Non-Polarized, Monostable
Input Voltage	11.6 VDC
Coil Voltage	18 VDC
Coil Resistance	2300 Ω
Coil Power Rating DC	141 mW

Contact Features

Contact Current Rating (Max)	1 A
Contact Arrangement	1 Form C, SPDT, 1 C/O

Usage Conditions

Operating Temperature Range	-65 – 125 °C
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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 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 lead free process capable

Product Compliance Disclaimer

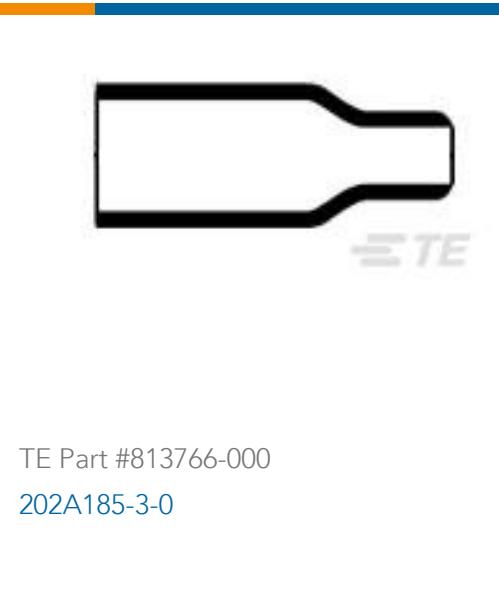
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2-1617031-3
HFW1201K46 = M39016/6-209L

Customers Also Bought

TE Part #813766-000
202A185-3-0TE Part #YDTS20F15-05PCV001
D38999: Square Flange, 15-05 insertTE Part #175929-000
DK-621-0088-2STE Part #413711-000
5026R042A-9XTE Part #4-1617119-2
J1MSP-12XM = M39016/10-022M

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-1617351-4_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1617351-4_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1617351-4_O.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec1_1MS](#)

English

[5-1773450-5_sec1_MS](#)

English