

JMSWT-18XP = M28776/3-021P

✓ ACTIVE

CII

TE Part # 1617170-3

TE Internal #: JMSWT-18XP

Mil-Spec: [M28776/3-021P]

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Mil-Aero Relays > TO-5/.100 Grid Relays



Contact Arrangement: **2 Form C, DPDT, 2 C/O**

Input Voltage: **18 VDC**

Coil Suppression Diode: **With**

MOSFET Driver: **Without**

Transistor Driver: **With**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Relay Type	Military/Aerospace High Performance
Coil Latching	Without
Product Type	Relay
MOSFET Driver	Without

Configuration Features

Transistor Driver	With
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Electrical Characteristics

Coil Magnetic System	Non-Polarized, Monostable
Vibration	30G's, 10 – 3000Hz
Actuating System	DC
Shock	75G's, 6ms
Coil Power Measurement	Milliwatts
Input Voltage	18 VDC
Coil Suppression Diode	With
Coil Voltage	18 VDC
Coil Resistance	1600 Ω
Coil Power Rating (DC)	203 mW
Coil Polarity Protection Diode	With



Contact Switching Voltage (Max)28

Contact Features

Contact Current Class	Low Level – 1 A
Contact Arrangement	2 Form C, DPDT, 2 C/O
Contact Current Rating	1 A

Termination Features

Termination Type	Long Leads
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Mechanical Attachment

Mounting Type	Printed Circuit Board
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Aktuelle ECHA Kandidatenliste: JAN 2019 (197) Kandidatenliste deklariert bezüglich: JAN 2019 (197)
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

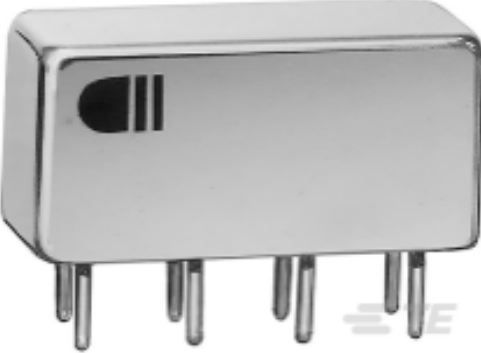


TE Part # 1617036-6  
HFW4A1201D00 = HFW  
4A RELAY

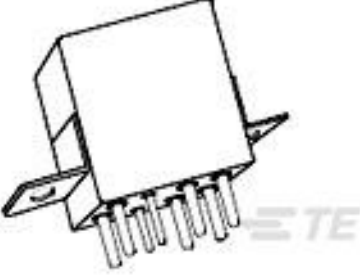
Customers Also Bought




TE Part #2-1617030-2  
HFW1201F01P = M39016  
/6-123P




TE Part #4-1617073-1  
3SBC2123A2 = M39016/38-  
023P




TE Part #1-1617749-7  
FCA-210-1022L=M83536  
/10-022L




TE Part #1-1617754-2  
FCA-410-1616M=M83536  
/16-016M




TE Part #2-1617754-7  
FCA-410-1634M=M83536  
/16-034M




TE Part #1-1617109-5  
HM-6A = HM RELAY 1.5"  
LEADS




TE Part #1-1617538-3  
HMB1131F01P=M39016  
/22-021P



TE Part #1617162-9  
J1MACT-26XPS = M28776  
/5-036P



TE Part #2-1617119-0  
J1MAWD-5XP = M39016  
/23-013P



TE Part #1617808-5  
TD229-1202S=TDFR 12  
SEC M83726/29-1202S

Documents

- CAD Files
- 3D PDF
- 3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1617170-3\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1617170-3\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1617170-3\\_O.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_MS](#)

English

[RELAY](#)

English