



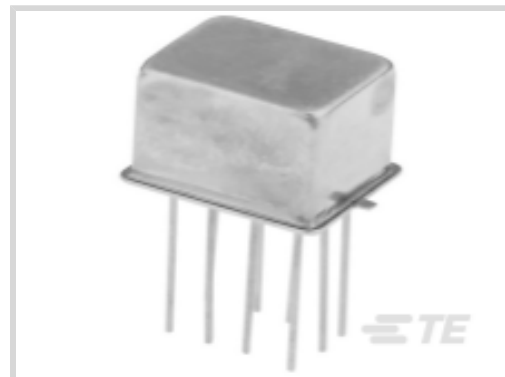
CII

TE Internal #: 1-1617110-9

TO-5/.100 Grid Relays, Contact Arrangement 2 Form C, DPDT, 2 C /O, 5VDC Input Voltage, 5 VDC Coil Voltage, 100Ω Coil Resistance

[View on TE.com >](#)

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



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

Input Voltage: **5 VDC**

Coil Voltage: **5 VDC**

Coil Resistance: **100 Ω**

Coil Power Rating DC: **250 mW**

Features

Product Type Features

Enclosure Type	Hermetically Sealed
Relay Options	Coil Polarity Protection Diode, Coil Suppression Diode, MOSFET Driver
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	5 VDC
Coil Voltage	5 VDC
Coil Resistance	100 Ω
Coil Power Rating DC	250 mW

Contact Features

Pin Configuration	.175" Diameter Mounting Pad
Contact Current Rating (Max)	1 A



Contact Arrangement	2 Form C, DPDT, 2 C/O
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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	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 # 1617030-9
HFW1201D00 = HFW 1/2 SIZE RELA



TE Part # 3-1617033-1
HFW1230K06P = M39016/6-105P



TE Part # 1617037-1
HFW5A1106K00 = HFW5A RELAY



TE Part # 1-1617029-6
HFW1130K07P = M39016/6-204P



TE Part # 3-1617030-0
HFW1201G02M = M39016/6-216M



TE Part # 3-1617029-0
HFW1131G02P = M39016/6-214P



TE Part # 2-1617038-0
HMB1201K01L = M39016/22-009L



TE Part # 2-1617039-4
HMS1201S108P = M39016/44-008P



TE Part # 3-1617039-1
HMS1201S111P = M39016/44-035P



TE Part # 2-1617030-1
HFW1201F01M = M39016/6-123M



TE Part # 2-1617033-4
HFW1230D00 = HFW 1/2 SIZE RELA



TE Part # 1-1617039-1
HMS1131S04L = M39016/44-031L



TE Part # 1617039-6
HMS1130S04P = M39016/44-028P



TE Part # 2-1617031-1
HFW1201K45M = M39016/6-109M



TE Part # 2-1617031-0
HFW1201K45 = M39016/6-109L



TE Part # 1-1617020-9
FW1205G00 = 2020 FW RELAY



TE Part # 5-1617022-3
FW5A1220G00 = FW5A RELAY



TE Part # 1-1617534-6
HFW1201F16=M39016/6-246L



TE Part # 1617020-1
FW1201D02 = M5757/10-060



TE Part # 1617038-4
HMB1130K00 = HMB RELAY

Customers Also Bought



TE Part #1565749-1
025 CAP ASSY



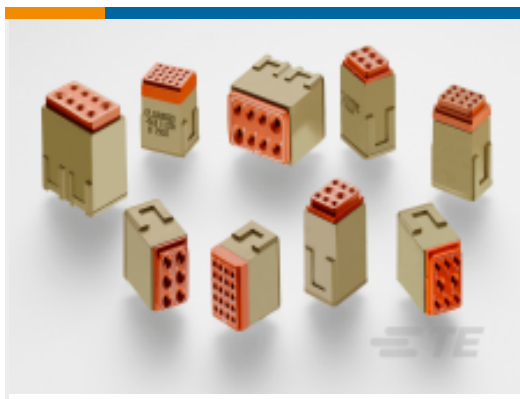
TE Part #204520-2
RECEPT ASSY,78 POSN,AMPLIMITE



TE Part #0641-1-2031L
CONT PIN



TE Part #CTD126E01A-513
MODULE ASSY



TE Part #CTJ122E10A-513
MODULE ASSY



TE Part #2-1617146-8
JMGACDD-26LW = M39016/19-042L



TE Part #ZPF0000000000033673
983-0SE 14-15 P6



TE Part #H9342K23-55PA972X
FILTER CONN T56 - 86605899 AIR
FRAME



TE Part #H9342K23-55PN972W
FILTER CONNECTOR T56 - 86605893

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1617110-9_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1617110-9_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1617110-9_O.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec1_MGST](#)

English

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1-1617110-9](#)