

HMS1201S110M ✓ ACTIVE



CII

TE Internal #: 2-1617039-7

Half-Size Relays, 2 Form C, DPDT, 2 C/O, 12 VDC Input, 2 A, 12 VDC Coil Voltage, 310 Ω Coil Resistance, 465 mW Coil Power (DC), Printed Circuit Board

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Relays, Contactors & Switches > Relays > Mil-Aero Relays > Half-Size Relays



Half-Size Relay Contact Arrangement: **2 Form C, DPDT, 2 C/O**

Half-Size Relay Input Voltage: **12 VDC**

Half-Size Relay Contact Current Rating: **2 A**

Half-Size Relay Coil Voltage Rating: **12 VDC**

Half-Size Relay Coil Resistance: **310 Ω**

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	Without
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Electrical Characteristics

Coil Magnetic System	Non-Polarized, Monostable
Actuating System	DC
Vibration	30G's, 10 – 3000Hz
Shock	50G's, 11ms
Coil Suppression Diode	Without
Coil Power Measurement	Milliwatts
Coil Polarity Protection Diode	Without
Half-Size Relay Input Voltage	12 VDC
Half-Size Relay Coil Voltage Rating	12 VDC



Half-Size Relay Coil Resistance	310 Ω
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Half-Size Relay Coil Power Rating (DC)	465 mW
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Contact Features

Half-Size Relay Contact Arrangement	2 Form C, DPDT, 2 C/O
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Half-Size Relay Contact Current Rating	2 A
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Termination Features

Termination Type	PC Pins
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Mechanical Attachment

Half-Size Relay Mounting Type	Printed Circuit Board
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Usage Conditions

Operating Temperature Range	-65 – 125 $^{\circ}\text{C}$
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not lead free process capable
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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



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1617039-7_5.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617039-7_5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1617039-7_5.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec1_HFW](#)

English

[RELAY](#)

English