A07B332BD1 ✔ ACTIVE

CII

TE Internal #: 7-1617814-4

Full-Size Relays, 2 Form C, DPDT, 2 C/O, 48 VDC Input, 10 A, 48 VDC Coil Voltage, 1200 Ω Coil Resistance, 1920 mW Coil Power (DC), 28 VDC, Panel Mount

View on TE.com >

Relays, Contacts & Switches > Relays > Mil-Aero Relays > Full-Size Relays

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

Full-Size Relay Input Voltage: **48 VDC**

Full-Size Relay Contact Current Rating: **10 A**

Coil Voltage: **48 VDC**

Full-Size Relay Coil Resistance: **1200 Ω**

Features

Product Type Features

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

Configuration Features

Transistor Driver	Without

Electrical Characteristics

Actuating System	DC
Vibration	20G's, 10 – 2000Hz
Coil Magnetic System	Non-Polarized, Monostable
Shock	50G's, 11ms
Coil Suppression Diode	Without
Coil Polarity Protection Diode	Without
Full-Size Relay Input Voltage	48 VDC
Coil Voltage	48 VDC
Full-Size Relay Coil Resistance	1200 Ω

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1200 Ω Coil Resistance, 1920 mW Coil Power (DC), 28 VDC, Panel Mount

Full-Size Relay Coil Power Rating (DC)	1920 mW
Coil Power Measurement	Milliwatts
Full-Size Relay Contact Switching Voltage (Max)	28 VDC

Contact Features

Full-Size Relay Contact Arrangement	2 Form C, DPDT, 2 C/O
Full-Size Relay Contact Current Rating	10 A

Termination Features

Termination Type	Solder Hook Terminals

Mechanical Attachment

Full-Size Relay Mounting Type	Panel Mount

Usage Conditions

Operating Temperature Range	-65 – 125 °C

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: JUNE 2022 (224) 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

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1200 Ω Coil Resistance, 1920 mW Coil Power (DC), 28 VDC, Panel Mount

Compatible Parts

TE Part # 2-1617109-6
PRMAC-12X = COTS T05

TE Part # 5-1617785-6
FCA-410-1520L=M83536/15-020L

Documents

Product Drawings

A07B332BD1 FULL SIZE 10A RELAY

English

Datasheets & Catalog Pages

5-1773450-5_sec1_07

English