6-1617748-7 ✔ ACTIVE

CII

TE Internal #: 6-1617748-7

General Purpose Power Relay, DC, Polarized, Monostable, 1 Form C SPDT-CO, 25 A Contact Rating, 28 VDC Coil Voltage, Panel & Printed Circuit Board

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Polarized, Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **25 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Coil Special Features	Coil Suppression Diode
Relay Options	Back EMF Suppression
Contact Arrangement	1 Form C SPDT-CO

Electrical Characteristics

Coil Resistance	320 Ω
Contact Switching Voltage (Max)	115 VAC
Contact Current Rating	25 A
Coil Voltage Rating	28 VDC

Body Features

Enclosure Type	Hermetically Sealed

Contact Features

Contact Material	Silver Cadmium Oxide
Terminal Plating	Tin-Lead

Termination Features

Main Termination & Connection Type	Solder Pins

Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Panel & Printed Circuit Board

Usage Conditions

Operating Temperature Range	-70 – 125 °C[-94 – 257 °F]
Environmental Ambient Temperature (Max)	125 °C[257 °F]

Operation/Application

Vibration Resistance	30G's, 33 – 3000Hz
Shock Resistance	200G's, 6ms
Coil Magnetic System	Polarized, Monostable
Current Type	DC

Other

Contact Current Class	>16 – ≤25 A

Product Compliance

For compliance documentation, visit the product page on TE.com>

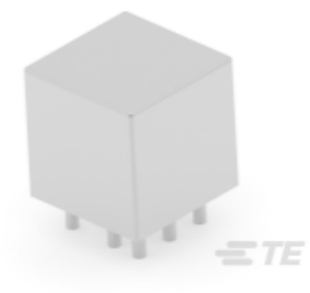
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cd (10% in Component Part) Cadmium oxide (3% in Component Part) **Article Safe Usage Statements:** Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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

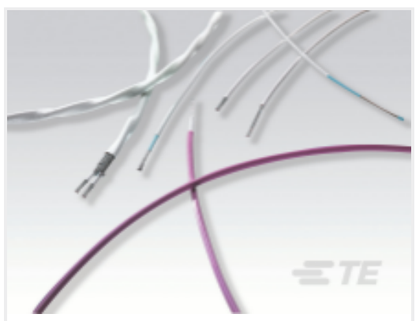
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 4-1617753-9
FCA-325-BZ3

Customers Also Bought



TE Part #2160463004
55A0111-24-0



TE Part #36151
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #1410142-2
MULTIGIG RT T2 .8" BP FULL RGH



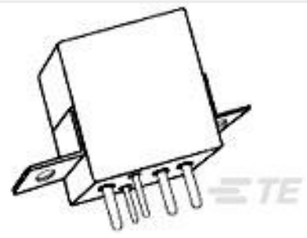
TE Part #1410187-3
MULTIGIG RT T2 7RW DC DF CT



TE Part #1410187-4
MULTIGIG RT T2 7RW DC DF CT



TE Part #1-1469491-2
MULTIGIG RT GUIDEPIN, 9MM 2.60



TE Part #2-1617748-4
FCA-125-18=M6106/19-018



TE Part #2000676-9
Keyed Guide Pin, Machined, Multigig



TE Part #2000713-1
RA Keyed Guide Mod, Vita 46, Machined



TE Part #1-6450869-4
V/R 2ACP+1LP+32S+3HDP+1LP+1P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1617748-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1617748-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1617748-7_B.3d_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5_sec5_FCA-125

English