1617149-4 ✔ ACTIVE

CII

TE Internal #: 1617149-4

TO-5/.100 Grid Relays, Contact Arrangement 2 Form C, DPDT, 2 C /O, 14VDC Input Voltage, Without MOSFET Driver, With Transistor Driver

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

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

Input Voltage: **14 VDC**

Coil Suppression Diode: **Without**

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

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	14 VDC
Coil Suppression Diode	Without
Coil Voltage	26.5 VDC
Coil Resistance	3200 Ω

Coil Power Rating (DC)	219 mW
Coil Polarity Protection Diode	Without
Contact Switching Voltage (Max)	28

Contact Features

Contact Current Class	Low Level – 1 A
Pin Configuration	.175" Diameter Mounting Pad
Contact Arrangement	2 Form C, DPDT, 2 C/O
Contact Current Rating	1 A

Termination Features

Termination Type	PC Pins

Mechanical Attachment

Mounting Type	Printed Circuit Board

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: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) 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

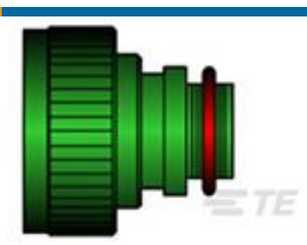
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight 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

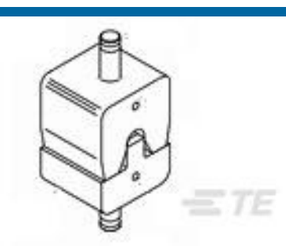
TE Model / Part # 2-1617031-0
HFW1201K45 = M39016/6-109L

Customers Also Bought

TE Model / Part #815363-000
202A111-4-00-0



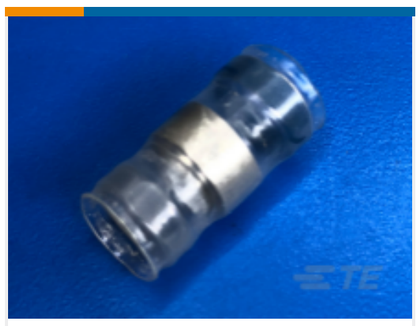
TE Model / Part #170285-000
TXR18AB00B1204AI



TE Model / Part #48861-1
HYP8/10 PLASTI-GRIP/10 2AWG DIE SET

TE Model / Part #312541-000
55A1131-14-MST3-9CS2275

TE Model / Part #680112-000
D-150-22



TE Model / Part #854491-000
D-142-50CS918

TE Model / Part #YAFD56-8-33SWC0190
PLUG ASSY

TE Model / Part #YDTS24W21-16SAV001
RECP ASSY

TE Model / Part #982142-000
ST63-1-55-24-9

TE Model / Part #ZPF100000000007721
983-0SE 24-30 SN-L

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1617149-4_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1617149-4_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1617149-4_O.3d_stp.zip

English

Datasheets & Catalog Pages

5-1773450-5_sec1_MGS

English

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