

J1MAC-5XLS

! PRELIMINARY

CII | CII 1MA TO-5 Relay

TE Internal #: 1-1617564-0

CII 1MA TO-5 Relay, TO-5/.100 Grid Relays, 1 Form C, SPDT, 1 C /O, 5VDC TO-5/.100 Grid Relay Input Voltage

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



TO-5/.100 Grid Relay Contact Arrangement: **1 Form C, SPDT, 1 C/O**

TO-5/.100 Grid Relay Input Voltage: **5 VDC**

Coil Suppression Diode: **Without**

MOSFET Driver: **Without**

Transistor Driver: **Without**

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
Vibration	30G's, 10 – 3000Hz
Actuating System	DC
Shock	75G's, 6ms
Coil Power Measurement	Milliwatts
TO-5/.100 Grid Relay Input Voltage	5 VDC
Coil Suppression Diode	Without
Coil Voltage	5 VDC
TO-5/.100 Grid Relay Coil Resistance	63 Ω
TO-5/.100 Grid Relay Coil Power Rating (DC)	397 mW



Coil Polarity Protection Diode	Without
TO-5/.100 Grid Relay Contact Switching Voltage (Max)	28

Contact Features

Contact Current Class	Low Level – 1 A
Pin Configuration	.200" x .300" Spreader Pad
TO-5/.100 Grid Relay Contact Arrangement	1 Form C, SPDT, 1 C/O
TO-5/.100 Grid Relay Contact Current Rating	1 A

Termination Features

Termination Type	PC Pins
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Mechanical Attachment

TO-5/.100 Grid Relay Mounting Type	Printed Circuit Board
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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 Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 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 Part # 3-1617028-5
HFW1106K12 = M39016/6-128L

Also in the Series | CII 1MA TO-5 Relay

TO-5/.100 Grid Relays(16)

Customers Also Bought

TE Part #3-1617536-2
HFW1230F01P=M39016/6-119P

TE Part #4-1617514-0
3SAT1338A2=M5757/13-121

TE Part #1-1616037-6
DHR7B=CONTACTOR - 3PDT

TE Part #1-1618273-5
H-16C=RELAY, VACUUM, DPDT

TE Part #3-1617118-0
J1MACDD-12XP = M39016/24-028P

TE Part #1616021-6
SA136A=CONTACTOR 3PST N.O. 75

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1617564-0_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1617564-0_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1617564-0_99.3d_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5_sec1_1MA

English