# 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

View on TE.com >

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 |

### 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 |

### Mechanical Attachment

| | |
|---|---|
| TO-5/.100 Grid Relay Mounting Type | Printed Circuit Board |

### Usage Conditions

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|---|---|
| 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 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)<br>Candidate List Declared Against: JAN 2019 (197)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not applicable for solder process capability |

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

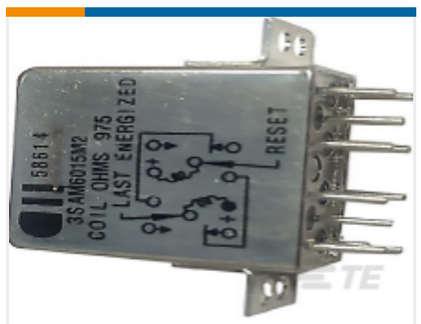
TE Part # 3-1617028-5
HFW1106K12 = M39016/6-128L

## 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



## Datasheets & Catalog Pages

### 5-1773450-5_sec1_1MA

English