

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



TO-5/.100 Grid Relay Contact Arrangement: **2 Form C, DPDT, 2 C/O**

TO-5/.100 Grid Relay Input Voltage: **3.6 VDC**

Coil Suppression Diode: **With**

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
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### Electrical Characteristics

Coil Magnetic System	Non-Polarized, Monostable
Vibration	10G's, 10 – 500Hz
Actuating System	DC
Shock	30G's, 6ms
Coil Power Measurement	Milliwatts
TO-5/.100 Grid Relay Input Voltage	3.6 VDC
Coil Suppression Diode	With
Coil Voltage	5 VDC
TO-5/.100 Grid Relay Coil Resistance	50 Ω
TO-5/.100 Grid Relay Coil Power Rating (DC)	500 mW

## TO-5/.100 Grid Relay Contact Switching Voltage (Max)

28

**Contact Features**

Contact Current Class Low Level – 1 A

TO-5/.100 Grid Relay Contact Arrangement 2 Form C, DPDT, 2 C/O

TO-5/.100 Grid Relay Contact Current Rating 1 A

**Termination Features**

Termination Type Long Leads

**Mechanical Attachment**

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

**Usage Conditions**

Operating Temperature Range -55 – 85 °C

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2021  
(211)Candidate List Declared Against: JAN 2021  
(211)

Does not contain REACH SVHC

Halogen Content Not Yet Reviewed for halogen content

Solder Process Capability Not applicable for solder process capability

## Product Compliance Disclaimer

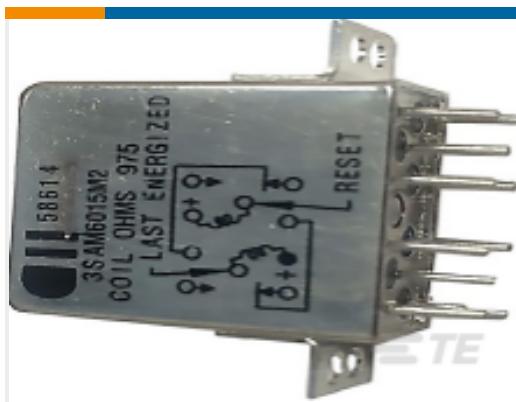
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1617037-3  
HFW5A1201L00 = HFW5A RELAY

## Customers Also Bought



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



TE Part #2-1617076-5  
3SBH1230A2 = M39016/53-011M



TE Part #1-1616037-2  
DHR14B=RELAY



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



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



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

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617528-8\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617528-8\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1617528-8\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**High Performance Relays\_Section1**

English

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