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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

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Find the *ABB / Gould / Allied Control M39016/6-116L* at our website: *Click HERE*

# HFW1201G01 = M39016/6-116L ✔ ACTIVE

CII

TE Part # 2-1617030-6

TE Internal #: HFW1201G01

Mil-Spec: [M39016/6-116L]

View on TE.com >

Relays, Contactors & Switches > Relays > Mil-Aero Relays > Half-Size Relays



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

Input Voltage: **12 VDC**

Contact Current Rating: **2 A**

Coil Voltage Rating: **12 VDC**

Coil Resistance: **160 Ω**

## 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 |
| Actuating System | DC |
| Vibration | 30G's, 10 – 3000Hz |
| Shock | 100G's, 6ms |
| Coil Suppression Diode | Without |
| Coil Power Measurement | Milliwatts |
| Coil Polarity Protection Diode | Without |
| Input Voltage | 12 VDC |
| Coil Voltage Rating | 12 VDC |
| Coil Resistance | 160 Ω |

| | |
|---|---|
| Coil Power Rating (DC) | 900 mW |

### Contact Features

| | |
|---|---|
| Contact Arrangement | 2 Form C, DPDT, 2 C/O |
| Contact Current Rating | 2 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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2019 (197)<br>Candidate List Declared Against: JAN 2019 (197) |
| 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 |

Product Compliance Disclaimer

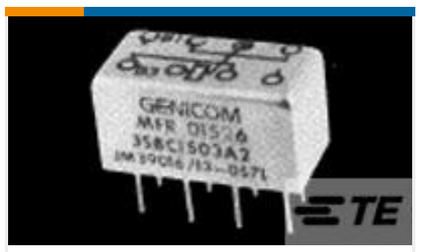
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1617122-5
JMACD-26XP = M39016/15-081P

## Customers Also Bought




TE Part #1-1617073-4
3SBC2002A2 = M39016/13-057P



TE Part #2-1617030-7
HFW1201G01M = M39016/6-116M



TE Part #2-1617031-2
HFW1201K45P = M39016/6-109P



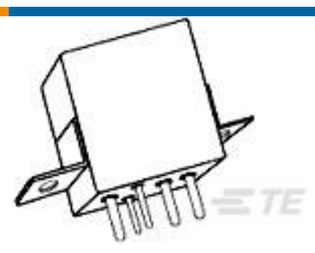
TE Part #826656-7
7P AMPMODU II STIFT LEI



TE Part #7-5382483-2
SIMM II,.160"H,.050CL,72P,AU



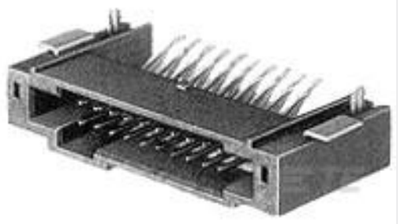
TE Part #104655-7
60 50/50 HDR DRST SFMNT .250



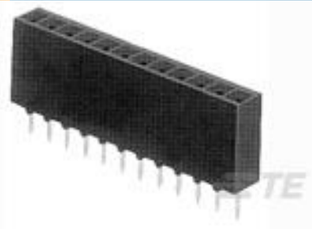
TE Part #2-1617748-4
FCA-125-18=M6106/19-018



TE Part #1-1617029-1
HFW1130K06 = M39016/6-104L



TE Part #104894-7
70 50/50 GRID RA HDR



TE Part #87879-2
10 MODIV VRT SR OE 100/115

## Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1617030-6_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2-1617030-6_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2-1617030-6_A.3d_stp.zip

English

## Datasheets & Catalog Pages

5-1773450-5_sec1_HFW

English

RELAY

English

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