

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



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

Input Voltage: **18 VDC**

Coil Voltage Rating: **18 VDC**

Coil Resistance: **1600 Ω**

Coil Power Rating DC: **203 mW**

## Features

### Configuration Features

Coil Special Features

Coil Polarity Protection Diode, Coil Suppression Diode

Contact Arrangement

2 Form C, DPDT, 2 C/O

### Electrical Characteristics

Contact Current Rating

1 A

Contact Switching Voltage (Max)

28 VDC

Input Voltage

18 VDC

Coil Voltage Rating

18 VDC

Coil Resistance

1600 Ω

Coil Power Rating DC

203 mW

### Body Features

Enclosure Type

Hermetically Sealed

### Termination Features

Relay Connection Type

PCB Termination

Terminal Configuration

Solder Pins

### Usage Conditions

Operating Temperature Range

-65 - 125 °C

## Operation/Application

Vibration Resistance	30G's, 10 - 3000Hz
Actuating System	DC
Shock Resistance	75G's, 6ms
Coil Magnetic System	Non-Polarized, Monostable

## 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 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: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) 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

### 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # 1617036-6  
HFW4A1201D00 = HFW 4A RELAY

## Customers Also Bought



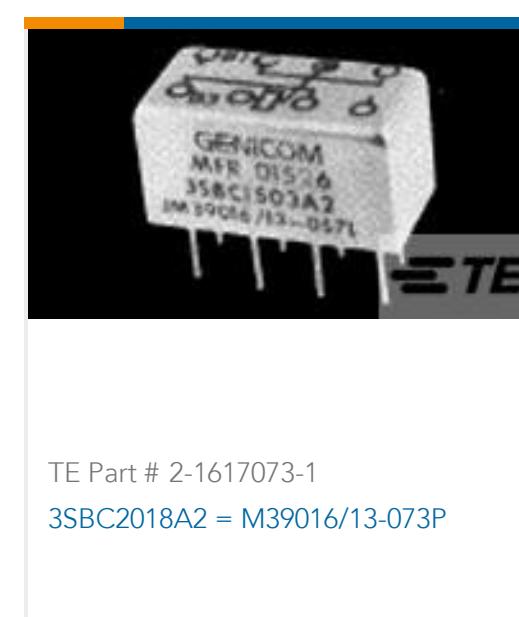
TE Part # 352332-1  
2MM HM TYPE A MALE HDR 154 POS



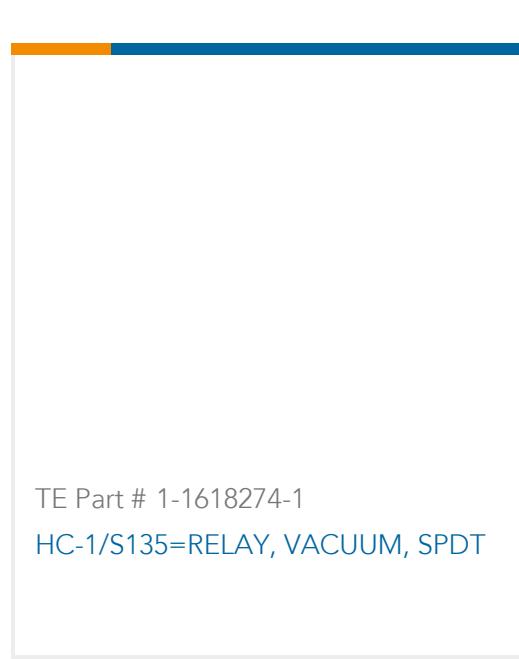
TE Part # 1-1617122-5  
JMACD-26XP = M39016/15-081P



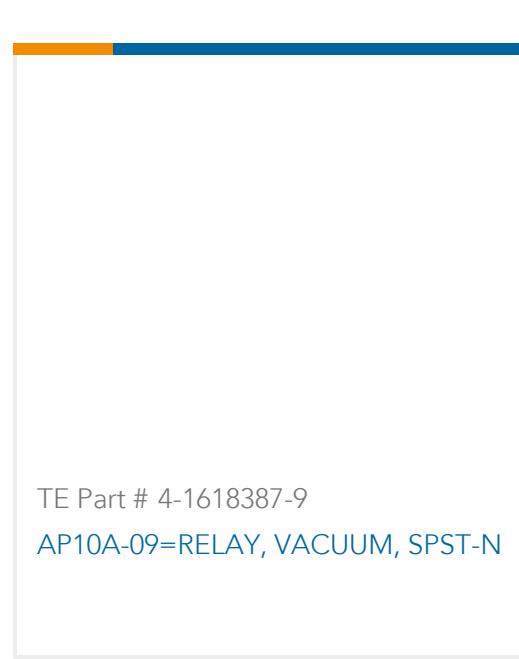
TE Part # 4-1617806-1  
FC-325-2=MS27418-1B



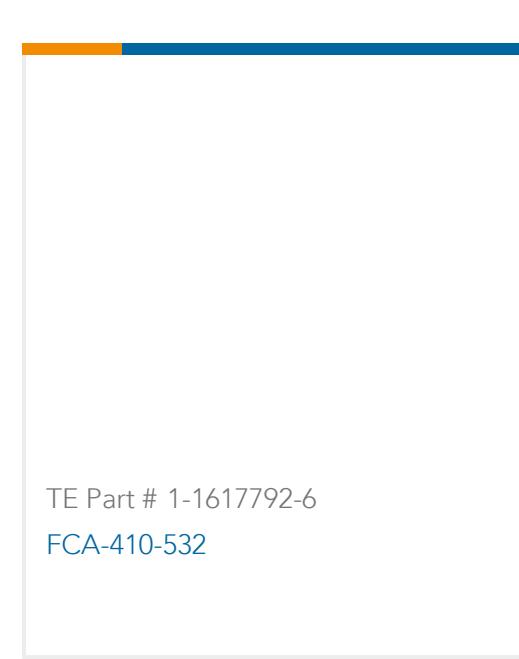
TE Part # 2-1617073-1  
3SBC2018A2 = M39016/13-073P



TE Part # 1-1618274-1  
HC-1/S135=RELAY, VACUUM, SPDT



TE Part # 4-1618387-9  
AP10A-09=RELAY, VACUUM, SPST-N



TE Part # 1-1617792-6  
FCA-410-532

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1617128-8\\_O.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1617128-8\\_O.3d\\_igs.zip](#)

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[ENG\\_CVM\\_CVM\\_1617128-8\\_O.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[5-1773450-5\\_sec1\\_MS](#)

English

