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

## 1617149-2

ACTIVE

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 7VDC TO-5/.100 Grid Relay Input Voltage, 1A TO-5/.100 Grid Relay Contact Current Rating



CII

TE Internal #: **1617149-2**  
TE Internal Description: **JMGSC-12MW = M39016/41-051M**  
Mil-Spec: **M39016/41-051M**  
Alias #: **JMGSC-12MW**

TO-5/.100 Grid Relay Contact Arrangement : **2 Form C, DPDT, 2 C/O**  
TO-5/.100 Grid Relay Input Voltage (VDC): **7**  
Coil Suppression Diode : **Without**  
MOSFET Driver : **Without**  
Transistor Driver : **Without**

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Compatible Parts & Tooling

Documents

Features

Product Compliance

Please review product documents or [contact us](#) for the latest agency approval information.

### Product Type Features

MOSFET Driver : **Without**  
Product Type : **Relay**  
Coil Latching : **Without**  
Relay Type : **Military/Aerospace High Performance**  
Enclosure Type : **Hermetically Sealed**

### Configuration Features

Transistor Driver : **Without**

### Electrical Characteristics

Coil Power Measurement : **Milliwatts**  
TO-5/.100 Grid Relay Input Voltage (VDC): **7**  
Coil Suppression Diode : **Without**  
Coil Voltage (VDC): **12**  
TO-5/.100 Grid Relay Coil Resistance (Ω): **800**  
TO-5/.100 Grid Relay Coil Power Rating (DC) (mW): **180**  
Coil Polarity Protection Diode : **Without**  
TO-5/.100 Grid Relay Contact Switching Voltage (Max) : **28**  
Shock : **75G's, 6ms**  
Actuating System : **DC**  
Vibration : **30G's, 10 – 3000Hz**  
Coil Magnetic System : **Non-Polarized, Monostable**

### Contact Features

TO-5/.100 Grid Relay Contact Arrangement : **2 Form C, DPDT, 2 C/O**  
TO-5/.100 Grid Relay Contact Current Rating (A): **1**  
Pin Configuration : **.175" Diameter Mounting Pad**  
Contact Current Class : **Low Level – 1 A**

### Termination Features

Termination Type : **PC Pins**

### Mechanical Attachment

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

### Usage Conditions

Operating Temperature Range (°C): **-65 – 125**

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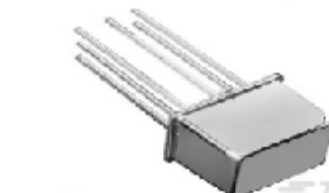
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### THIS PRODUCT

TO-5/.100 GRID RELAYS

**1617149-2**

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 7VDC TO-5/.100 Grid...



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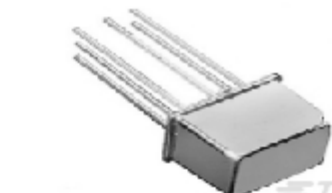
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TO-5/.100 Grid Relay Input Voltage : **7 VDC**  
Coil Suppression Diode : **Without**  
MOSFET Driver : **Without**  
Transistor Driver : **Without**

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TO-5/.100 GRID RELAYS

**1-1617543-7**

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 7VDC TO-5/.100 Grid...



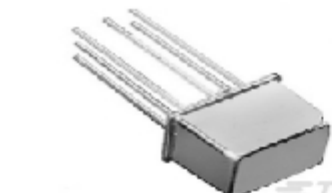
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TO-5/.100 Grid Relay Contact Arrangement : **2 Form C, DPDT, 2 C/O**  
TO-5/.100 Grid Relay Input Voltage : **7 VDC**  
Coil Suppression Diode : **Without**  
MOSFET Driver : **Without**  
Transistor Driver : **Without**

TO-5/.100 GRID RELAYS

**1-1617543-8**

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 7VDC TO-5/.100 Grid...



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TO-5/.100 Grid Relay Contact Arrangement : **2 Form C, DPDT, 2 C/O**  
TO-5/.100 Grid Relay Input Voltage : **7 VDC**  
Coil Suppression Diode : **Without**  
MOSFET Driver : **Without**  
Transistor Driver : **Without**

TO-5/.100 GRID RELAYS

**1617152-1**

TO-5/.100 Grid Relays, 2 Form C, DPDT, 2 C/O, 7VDC TO-5/.100 Grid...



Non-Stocked

TO-5/.100 Grid Relay Contact Arrangement : **2 Form C, DPDT, 2 C/O**  
TO-5/.100 Grid Relay Input Voltage : **7 VDC**  
Coil Suppression Diode : **With**  
MOSFET Driver : **Without**  
Transistor Driver : **Without**

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