



## J1MAP-12XL Product Details

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### Military/Aerospace High Performance Relays

J1MAP-12XL = M39016/7-020L

**J1MAP-12XL (3-1617118-5)**

TE Internal Number: 3-1617118-5

[Product Highlights](#) [View All](#)

- 1MA TO-5 Relay Series
- Input Voltage = 12 VDC
- Contact - Arrangement = 1 Form C, SPDT, 1 C/O
- Contact - Rated Current = 1 A
- Non Polarized, Monostable Coil - Magnetic System

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**Please Note:**  
 Use the Product Drawing for all design activity

**Product Type Features**

MOSFET Driver Without

**Mechanical Attachment**

Mounting Options PC Board

**Electrical Characteristics**

Input Voltage (VDC) 12

Contact - Rated Current (A) 1

Coil Suppression Diode Without

Coil Polarity Protection Diode Without

Coil - Resistance (Ω) 500

Coil Power Measurement Milliwatts

Coil - Rated Power, DC (mW) 288

Actuating System DC

Shock 75 G's, 6ms

Vibration 30G's, 10 to 3000Hz

**Termination Features**

Termination Type PC Pins

**Body Features**

Enclosure Type Hermetically Sealed

**Configuration Features**

Contact - Arrangement 1 Form C, SPDT, 1 C/O

Coil - Magnetic System Non Polarized, Monostable

Transistor Driver Without

**Industry Standards**

Government/Industry Qualification Yes

Government/Industry Part Number M39016/7-020L

RoHS/ELV Compliance Not ELV/RoHS compliant

Lead Free Solder Processes Not suitable for lead free processing

Approved Standards M39016 Qualified, L Level

**Conditions for Usage**

Temperature Range (°C) -65 – +125

**Other**

Series 1MA TO-5 Relay

Brand CII

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