

## J1MAC-5XL Product Details

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**J1MAC-5XL**  
(1617118-8)

TE Internal Number: 1617118-8

Active

### Military/Aerospace High Performance Relays

[Not EU RoHS or ELV Compliant](#)

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- [RELAY](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Series](#) = 1MA TO-5 Relay
- Termination Type = Long Leads

#### Electrical Characteristics:

- Input Voltage (VDC) = 5
- Contact - Rated Current (A) = 1
- Coil Polarity Protection Diode = Without
- Transistor Driver = Without
- Coil Resistance (Ω) = 63
- MOSFET Driver = Without
- Coil Power Measurement = Milliwatts
- Coil - Rated Power (mW) = 397
- Actuating System = DC
- Shock = 75 G's, 6ms
- Vibration = 30G's, 10 to 3000Hz

#### Contact Features:

- Mounting Options = PC Board
- Enclosure Type = Hermetically Sealed

#### Configuration Features:

- [Contact Arrangement](#) = 1 Form C, SPDT, 1 C/O
- Coil - Magnetic System = Non Polarized, Monostable
- Coil Suppression Diode = Without

#### Industry Standards:

- Government/Industry Qualification = Yes
- Government/Industry Part Number = M39016/7-025L
- [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:

- Brand = CII

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