

J1MAPD-5XL Product Details



J1MAPD-5XL
(4-1617118-9)

TE Internal Number: 4-1617118-9



Military/Aerospace High Performance Relays

[Not EU RoHS or ELV Compliant](#)

Product Highlights:

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

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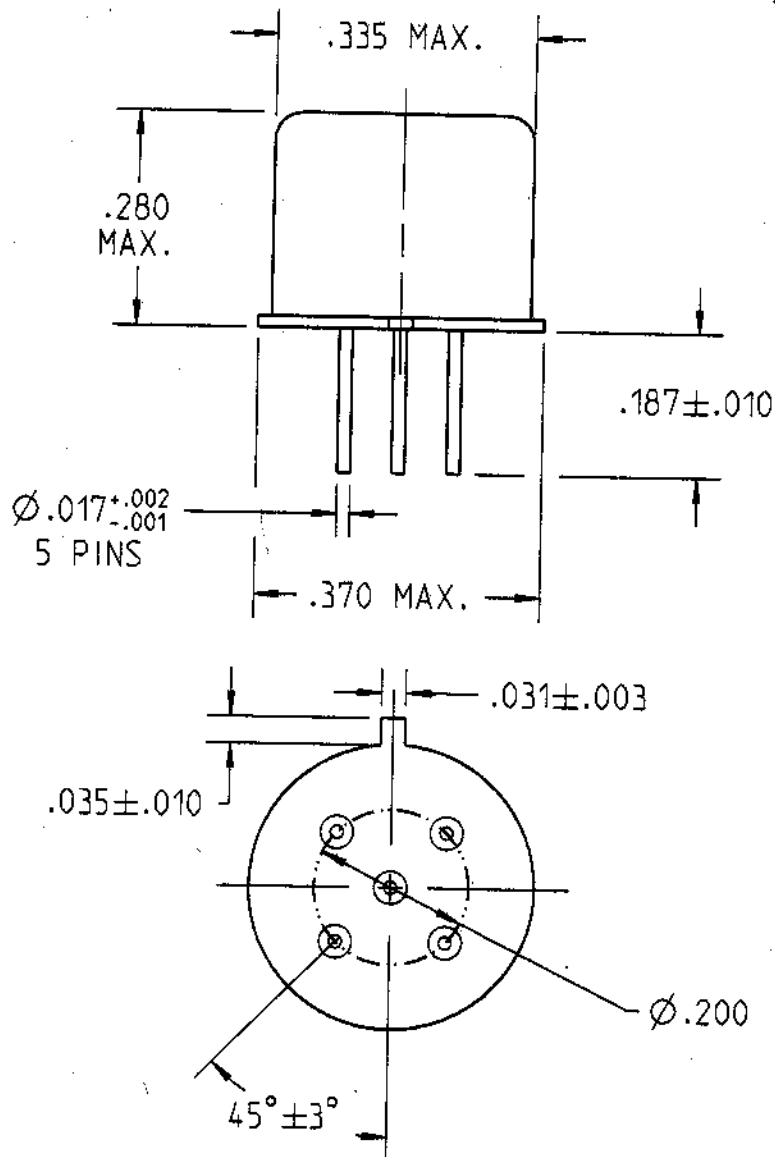
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Documentation & Additional Information	
Product Drawings: • None Available Catalog Pages/Data Sheets: • RELAY (PDF, English) Product Specifications: • None Available Application Specifications: • None Available Instruction Sheets: • None Available CAD Files: • None Available	Additional Information: • Product Line Information Related Products: • Tooling
List all Documents	

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: • Termination Type = PC Pins Electrical Characteristics: • Input Voltage (VDC) = 5 • Contact Current Rating (A) = 1 • Coil Polarity Protection Diode = Without • Transistor Driver = Without • Coil Resistance (Ω) = 63 • MOSFET Driver = Without • Coil Power Measurement = Milliwatts • Coil Power, Nominal (mW) = 397 • Actuating System = DC • Shock = 75 G's, 6ms • Vibration = 30G's, 10 to 3000Hz Body Related Features: • Series = 1MAD TO-5 Relay Contact Related Features: • Mounting Options = PC Board • Enclosure Type = Hermetically Sealed	Configuration Related Features: • Contact Arrangement = 1 Form C, SPDT, 1 C/O • Coil Magnetic System = Non Polarized, Monostable • Coil Suppression Diode = With Industry Standards: • Government/Industry Qualification = Yes • Government/Industry Part Number = M39016/23-019L • 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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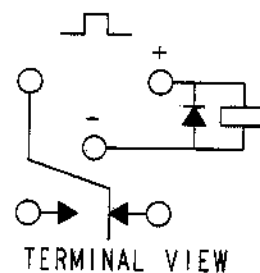
COIL: @ 25°C
 RESISTANCE 63 OHMS $\pm$ 10%
 NOMINAL VOLTAGE 5.0 VDC
 MUST OPERATE 2.8 VDC
 MUST RELEASE 1.7 VDC MAX., 0.23 VDC MIN

ENVIRONMENT:

VIBRATION 10 Hz TO 3000 Hz @ 30 g's
 SHOCK 75 g's 6 MS. DURATION
 TEMPERATURE -65 °C TO +125 °C

NOTES: OPERATE TIME 2.0 MS MAX.
 RELEASE TIME 4.0 MS MAX.
 CONTACT BOUNCE 1.5 MS MAX

CUSTOMER DATA SHEET



CONTACT RATING: LOW LEVEL TO 1A
 28 VDC RESISTIVE 100,000 OPERATIONS

DR. B.D. 14OCT02

CK. J. L. 10/19/02

CII Technologies
 advanced control electronic solutions

CUST. QPL
 CUST. NO. M39016/23-019L REV.

"J1MAD" RELAY

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