

## HMD-12B Product Details



**HMD-12B**  
(1-1617108-1)  
TE Internal Number: 1-1617108-1  
 **Active**

### Military/Aerospace High Performance Relays

[Not EU RoHS or ELV Compliant](#)

#### Product Highlights:

- HMD TO-5 Relay Series
- Input Voltage = 12 VDC
- Contact Arrangement = 2 Form C, DPDT, 2 C/O
- Contact Current Rating = 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](#)

[List all Documents](#)

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

#### Product Type Features:

- Termination Type = Long Leads

#### Electrical Characteristics:

- Input Voltage (VDC) = 12
- Contact Current Rating (A) = 1
- Coil Polarity Protection Diode = Without
- Transistor Driver = Without
- Coil Resistance ( $\Omega$ ) = 390
- MOSFET Driver = Without
- Coil Power Measurement = Milliwatts
- Coil Power, Nominal (mW) = 369
- Actuating System = DC
- Shock = 30G's, 6ms
- Vibration = 10G's, 10 to 500Hz

#### Body Related Features:

- [Series](#) = HMD TO-5 Relay

#### Contact Related Features:

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

#### Configuration Related Features:

- [Contact Arrangement](#) = 2 Form C, DPDT, 2 C/O
- Coil Magnetic System = Non Polarized, Monostable
- Coil Suppression Diode = With

#### Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

#### Conditions for Usage:

- Temperature Range ( $^{\circ}\text{C}$ ) = -55 - +85

#### Other:

- Brand = CII

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