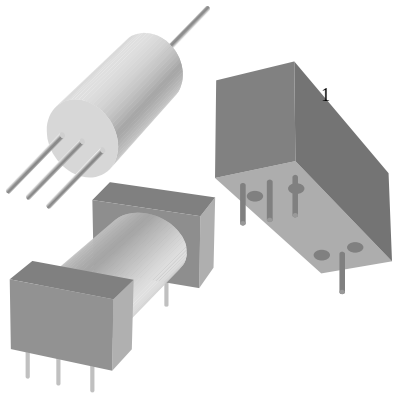
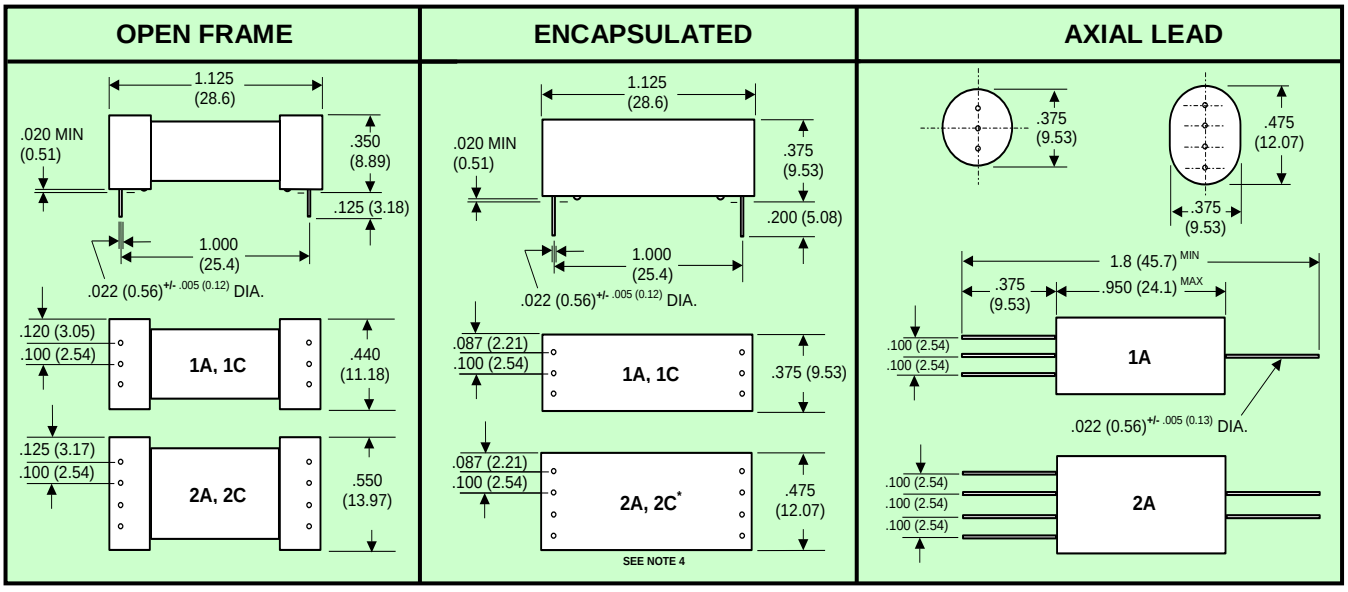
MERCURY WETTED REED RELAYS



- **Miniature reed relays with mercury wetted contacts.**
- **No contact bounce.**
- **50 Watts contact rating.**
- **Open frame, encapsulated and axial lead packages are availble.**

OUTLINE DIMENSIONS



Notes:

1. Dimensions are in inches (mm).
2. Tolerance unless otherwise specified is +/-.015" (0.38 mm).
3. Unused terminals are obmitted.
4. Dimensions for 2 Form C encapsulated relays: length: 1.175, width: .600, height: .375.
5. Mercury wetted relays should be mounted within +/-30° from vertical position.

GENERAL SPECIFICATIONS

Characteristics	FORM A	FORM C
Power (Resistive Load)	50 Watts	50 Watts
Voltage (Max. Switching)	500 VDC	500 VDC
(Min. Breakdown) (Across contact)	1500 VDC	1500 VDC
Current (Max. switching)	2 Amps	1 Amp
(Max. Carry)	3 Amps	2 Amps
Capacitance (Typical)	0.3 pF	0.7 pF
Contact Resistance (Max. Initial)	0.07 Ohms	0.07 Ohms
Operating Time (Typical)	1.5 mSec	2.0 mSec
Release Time (Typical)	1.0 mSec	2.0 mSec
Insulation Resistance (Min.)	10^{10} Ohms	10^{9} Ohms
Life Expectancy:		
Low level:	10^{9} Operations	10^{9} Operations
Rated load:	5×10^{7} Operations	5×10^{7} Operations
Operating Temperature	-30°C to +85°C	
Vibration	5G, 10 to 500 Hz	
Shock	5G @ 11 MS durations	

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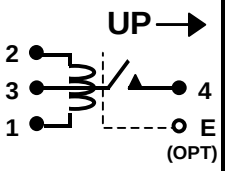
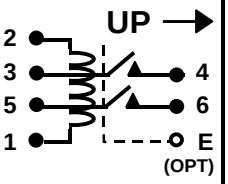
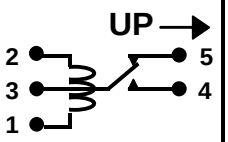
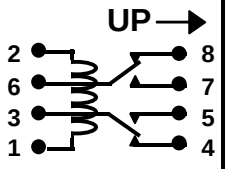
MERCURY WETTED REED RELAYS

PART NUMBERS AND COIL DATA (@ 25°C)

Contact Form	Part Number			Nom. Voltage VDC	Max. Voltage VDC	Coil Res. Ohms +/-10%	Must Operate VDC	Must Release VDC	Schematic Top View
	Open Frame	Encap-sulated	Axial Leads						
1A	C051A1MO	I051A1MO	O051A1MO	5	7.5	125	3.8	0.5	
	C061A1MO	I061A1MO	O061A1MO	6	9	125	4.5	0.6	
	C121A1MO	I121A1MO	O121A1MO	12	18	750	9.0	1.2	
	C241A2MO	I241A2MO	O241A2MO	24	36	2000	18.0	2.4	
2A	C052A1MO	I052A1MO	O052A1MO	5	7.5	100	3.8	0.5	
	C062A1MO	I062A1MO	O062A1MO	6	9	100	4.5	0.6	
	C122A1MO	I122A1MO	O122A1MO	12	18	300	9.0	1.2	
	C242A2MO	I242A2MO	O242A2MO	24	36	1500	18.0	2.4	
1C	C051C1MO	I051C1MO	NA	5	7.5	100	4.0	0.5	
	C121C1MO	I121C1MO		12	18	350	9.0	1.2	
	C241C1MO	I241C1MO		24	36	1500	18.0	2.4	
2C	C052C1MO	I052C1MO	NA	5	7.5	75	4.0	0.5	
	C122C1MO	I122C1MO		12	18	300	9.0	1.2	
	C242C1MO	I242C1MO		24	36	1200	18.0	2.4	