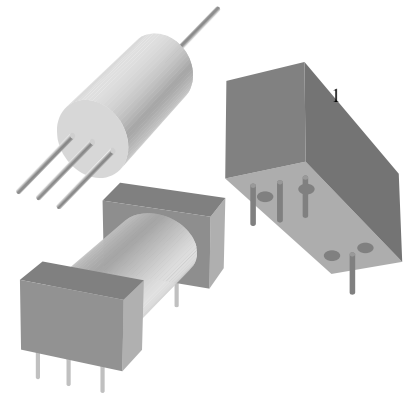
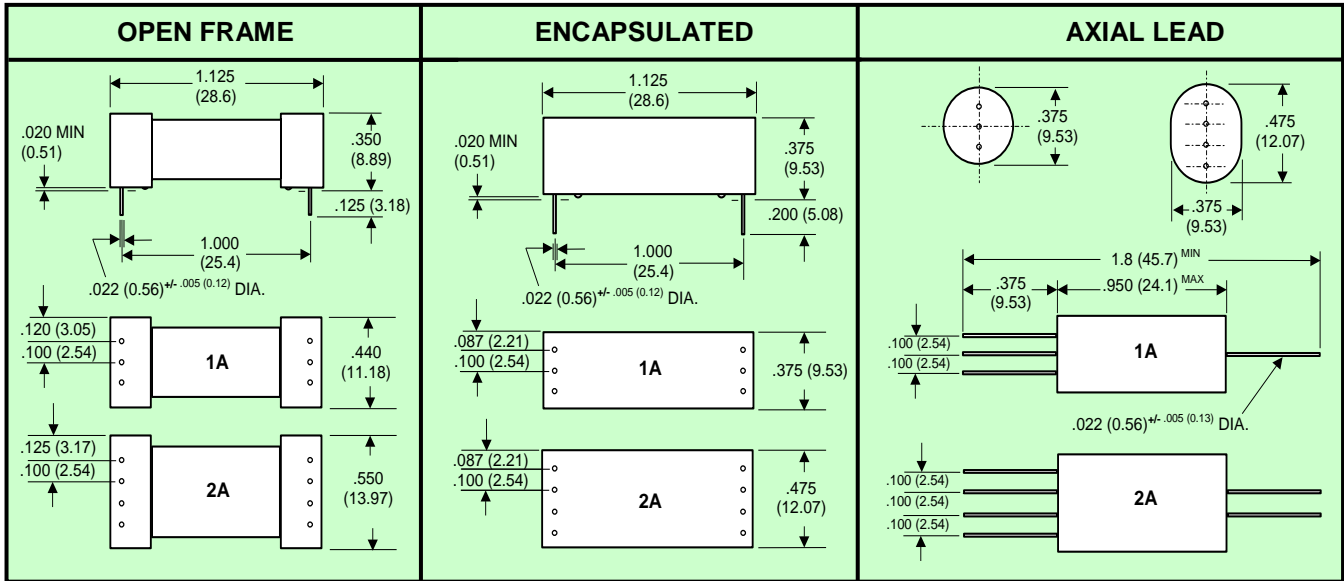


HIGH POWER REED RELAYS



- Miniature high power reed relays.
- Capable of handling high inrush, inductive and capacitive loads.
- 50 Watts contact rating.
- Open frame, encapsulated and axial lead packages are available.

OUTLINE DIMENSIONS



Notes:

1. Dimensions are in inches (mm).
2. Tolerance unless otherwise specified is +/- .015" (0.38 mm).
3. Unused terminals are omitted.
4. Side coils, non standard coil resistances, form B and multi-pole relays are also available. Consult factory for your needs.

GENERAL SPECIFICATIONS

Power (Resistive Load)	50 Watts
Voltage (Max. Switching)	200 VDC
(Min. Breakdown) (Across contact)	300 VDC
Current (Max. switching)	1 Amps
(Max. Carry)	2 Amps
Contact Resistance (Max. Initial)	0.5 Ohms
Operating Time (Typical)	0.5 mSec
Release Time (Typical)	0.5 mSec
Bounce Time (Typical)	0.25 mSec

Insulation Resistance (Min.)	10 ¹⁰ Ohms
Capacitance (Typical)	0.2 pF
Operating Temperature	-40° C to +85° C
Vibration	20G, 10 to 2000 Hz
Shock	50G @ 11 MS duration
Life Expectancy:	
Low level:	100 x 10 ⁶ Operations
Rated load:	1 x 10 ⁶ Operations

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	Encapsulated	Axial Leads						
1A	C051A1TO	I051A1TO	O051A1TO	5	7.5	125	3.8	0.5	
	C061A1TO	I061A1TO	O061A1TO	6	9	125	4.5	0.6	
	C121A1TO	I121A1TO	O121A1TO	12	18	750	9.0	1.2	
	C241A2TO	I241A2TO	O241A2TO	24	36	2000	18.0	2.4	
2A	C052A1TO	I052A1TO	O052A1TO	5	7.5	100	3.8	0.5	
	C062A1TO	I062A1TO	O062A1TO	6	9	100	4.5	0.6	
	C122A1TO	I122A1TO	O122A1TO	12	18	300	9.0	1.2	
	C242A2TO	I242A2TO	O242A2TO	24	36	1500	18.0	2.4	