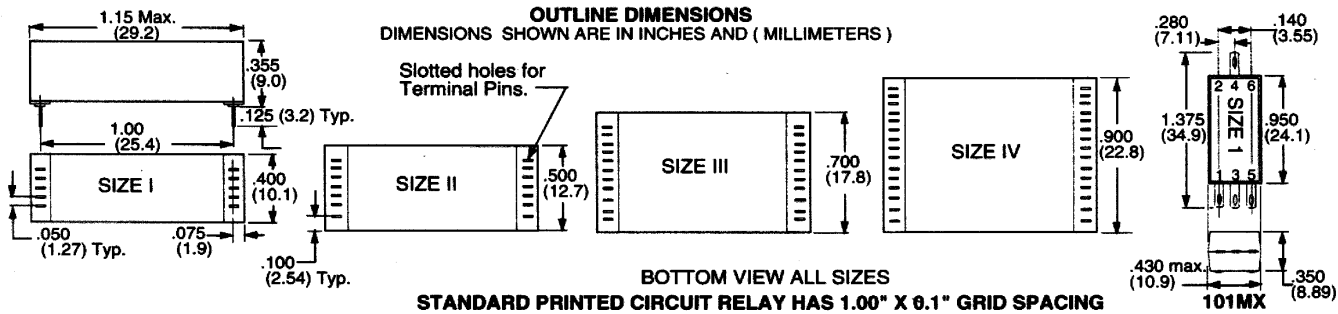


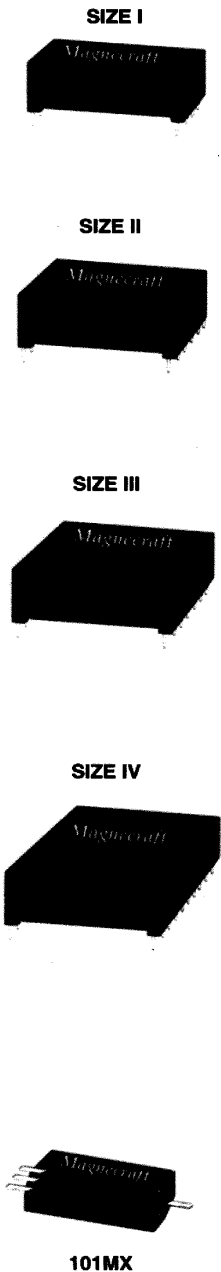
GENERAL SPECIFICATIONS MINIATURE REED RELAYS

MINIATURE
REED

7
RELAYS



BOTTOM VIEW ALL SIZES
STANDARD PRINTED CIRCUIT RELAY HAS 1.00" X 0.1" GRID SPACING



RELAY CLASS	101/193	104/193	131	134
CONTACT FORM:	1 Form "A" 1 Form "A" Latching (SPST-NO) 3 Form "A" Latching up to 6 Form "A"	1 & 2 Form "C" (SPDT, DPDT) for 104 Series 1 to 4 Form "C" SPDT, DPDT, 3PDT, 4PDT for 193 Series	1 Form "A" (SPST) or 2 Form "A" Mercury DPST-N.O.	1 Form "C" Mercury (SPDT) 2 Form "C" Mercury (DPDT)
CONTACT RATING MAX. (Resistive Load): SWITCHING VOLTAGE MAX. SWITCHING CURRENT MAX. CARRY CURRENT MAX.	10 VA 200DC/130 AC 0.5 AMPS 2 AMPS	4VA 100 VDC 0.5 AMPS 1 AMPS	50VA 500 VDC 2 AMPS 3 AMPS	50VA 500 VDC 2 AMPS 3 AMPS
INITIAL CONTACT RESISTANCE (IN MILLIOHMS):	200 Milliohms Max.		100 Milliohms Max. Contact resistance Stability ± 10% over Life.	
INSULATION RESISTANCE (Ohms) TESTED AT 100 VDC:	10 ⁹ Min.		10 ¹⁰ Min.	10 ¹⁰ Min.
DIELECTRIC STRENGTH MIN. ACROSS OPEN CONTACTS: MIN. BETWEEN MUTUALLY INSULATED POINTS:	200 VDC 500 VDC		1000 VDC 1000 VDC	1000 VDC 1000 VDC
CAPACITANCE (non-shielded relay) ACROSS OPEN CONTACTS: OPEN CONTACTS TO COIL: CLOSED CONTACTS TO COIL:	3pf Typical Form "A" 2.0 pF Typ. Form "C" 3.0pF Typ.		.3pF 2.0 pF 3.0pF	.9pF 2.0 pF 2.5pF
TEMPERATURE: MAX. AMBIENT OPERATING (°C)	85 °C or (120 °C -70° x [Coil Power]) whichever is lower			
TEMPERATURE: MIN. AMBIENT OPERATING (°C)	- 45°C		- 37°C	
STORAGE TEMPERATURE:	- 60°C to + 105°C		- 40°C to + 105°C	
MOUNTING POSITION:	ANY		Vertical ± 15°	
LIFE AT RATED LOAD (Operations) With appropriate Contact protection (End of life 1 Ohm)	10 Million Operations 100 Million Operations at Low level		40 x 10 ⁸ 3 x 10 ⁸ at low level	50 x 10 ⁸ 5 x 10 ⁸ at low level
OPERATE TIME (Typical [in Micro-Sec.]).	800 μS, for N.O. 600 μS, for N.C.		1800 μS, for N.O.	2300 μS 2000 μS
TYPICAL RELEASE TIME (in Micro-Sec.) Diode Suppression: No Suppression:	600 μS, for N.O. 800 μS, for N.C.		1750 μS	2000 μS 2500 μS
PACKAGING:	Dust covered Epoxy Encapsulated is Standard.			