

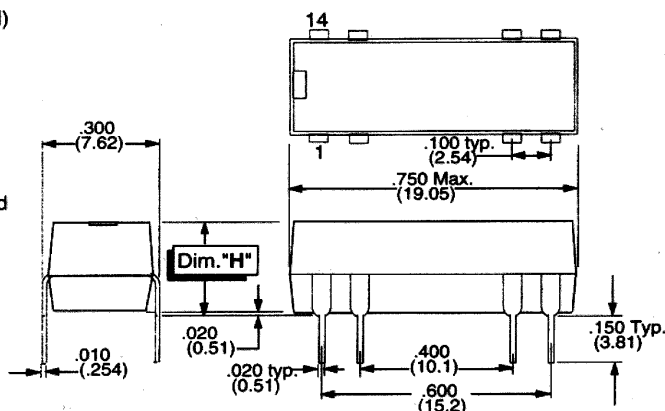
DUAL IN-LINE PACKAGE REED RELAY

DIP

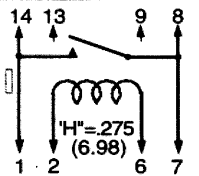
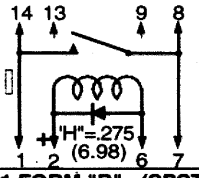
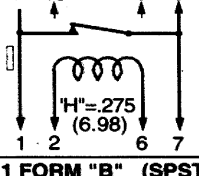
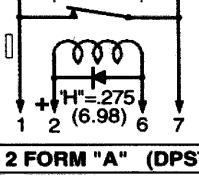
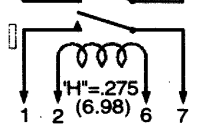
7
RELAYS

SPECIFICATIONS

Package Material: Epoxy, molded
 Contact Material: Rhodium or Mercury (as selected)
 Ambient Temperature: - 45°C to + 85°C
 Dielectric Strength: 150 V rms Across open contacts
 1500 V rms all other points
 Insulation Resistance: 1000 Megohms Min.
 Capacitance: 1.0 pF typical coil to contacts
 Shock Resistance: 50 G's
 Vibration Resistance: 20 G's to 200 Hz
 Operate Time: 1 Millisecond max.
 Release Time: 1 Millisecond max.
 Life: 10 Million operations at rated load
 100 Million operations Low Level



MIL SPECIFICATION
 MIL-R-83516/1 and /4 VERSIONS AVAILABLE

CIRCUIT DIAGRAM TOP VIEW	Magnecraft STRUTHERS-DUNN		COIL Measured @ 25°C					MAXIMUM CONTACT RATING	
			NOMINAL INPUT VOLTAGE	MAXIMUM PULL-IN	MAXIMUM DROPOUT	NOMINAL RESIS- TANCE (OHMS)	NOMINAL POWER (mW)	MAXIMUM SWITCHING LOAD	MAXIMUM CONTINUOUS CARRY CURRENT
	EQUIVALENT RELAY PART NUMBERS								
1 FORM "A" (SPST - N.O.)									
	W171DIP-2	MRR1ADS8-5D	5	3.8	0.5	500	50	10VA 0.5 AMP 100VDC	1.5 AMPS
	W171DIP-4	MRR1ADS8-12D	12	9.0	1.0	1200	120		
	W171DIP-5	MRR1ADS8-24D	24	18.0	2.0	2200	270		
1 FORM "A" (SPST - N.O.) WITH CLAMPING DIODE									
	W171DIP-7	MRR1ADS8V-5D	5	3.8	0.5	500	50	10VA 0.5 AMP 100VDC	1.5 AMPS
	W171DIP-9	MRR1ADS8V-12D	12	9.0	1.0	1200	120		
	W171DIP-10	MRR1ADS8V-24D	24	18.0	2.0	2200	270		
1 FORM "B" (SPST - N.C.)									
	W171DIP-12	MRR1BDS8-5D	5	3.8	0.5	500	50	10VA 0.5 AMP 100VDC	1.5 AMPS
	W171DIP-14	MRR1BDS8-12D	12	9.0	1.0	1200	120		
	W171DIP-15	MRR1BDS8-24D	24	18.0	2.0	2200	270		
1 FORM "B" (SPST - N.C.) WITH CLAMPING DIODE									
	W171DIP-17	MRR1BDS8V-5D	5	3.8	0.5	500	50	10VA 0.5 AMP 100VDC	1.5 AMPS
	W171DIP-19	MRR1BDS8V-12D	12	9.0	1.0	1200	120		
	W171DIP-20	MRR1BDS8V-24D	24	18.0	2.0	2200	270		
2 FORM "A" (DPST - N.O.)									
	W171DIP-21	MRR2ADLX8-5D	5	3.8	0.5	125	125	10VA 0.5AMP 100VDC	1.5 AMPS
	W171DIP-23	MRR2BDLX8-12D	12	9.0	1.0	500	300		
	W171DIP-24	MRR2BDLX8-24D	24	18.0	2.0	2000	270		