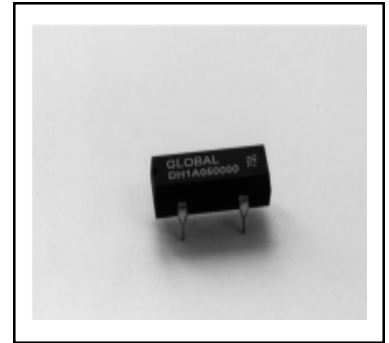


### ■ Features

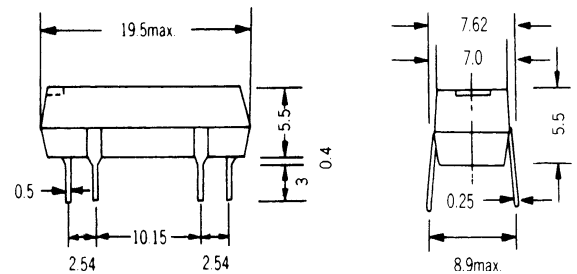
- Molded Epoxy Body
- DIP type construction with the same terminal pitch as IC's or TTL's simplifies designing.
- High sensitivity allows for direct driving by TTL's, etc.
- High Breakdown: 4KV between coil and contact
- Sealed construction for automatic flow soldering and cleaning



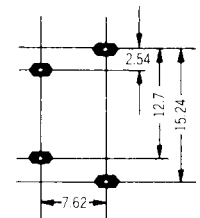
### ■ Characteristics

Contact resistance	100mOhm max., initial
Operate Time	0.5msec max.
Bounce Time	0.5msec max.
Release Time	0.2msec max.
Insulation Resistance	10 <sup>11</sup> ohm min.
Power	10VA max.
Switching Voltage	200VDC max.
Switching Current	0.5 Amps max.
Carrying Current	1.0 Amps max.
Life Expectancy	10 <sup>8</sup> (signal level)
Minimum Breakdown Voltage	250VDC across open contact 4000VAC between coil and contact
Operate Temperature	-45 - +85 C
Storage Temperature	-50 - +125 C
Minimum Permissible Load	100mVDC 10 mA
Vibration	20g (10-2000Hz)
Shock	30g (11ms 1/2 sine wave)
Resonant Frequency	3.5KHz

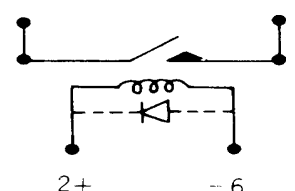
### ■ Dimensions



### ■ PCB Layout



### ■ Specifications (Contact Form: 1 Form A)

Part Number	Nominal Coil Voltage	Coil Resistance +/10%	Must Operate (VDC)	Must Release (VDC)	Rated Current (mA)	Continuous Voltage (max.)	Circuit Schematic Top View
DH1A05000	5	500	3.75	1.0	10	10	
DH1A12000	12	1000	9.0	1.2	12	20	
DH1A24000	24	2150	18.0	2.4	11.1	28	
DH1A050D0	5	500	3.75	1.0	10	10	
DH1A120D0	12	1000	9.0	1.2	12	20	
DH1A240D0	24	2150	18.0	2.4	11.1	28	