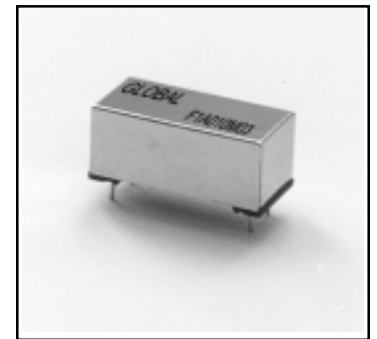


### ■ Features

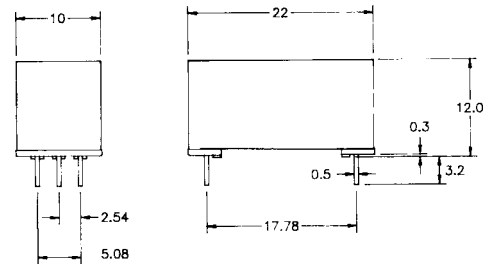
- Fully Sealed
- 1000 VDC Isolation Voltage between coil and contact
- Magentic Shielded

### ■ Characteristics

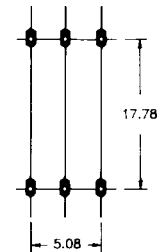
Contact resistance	150mOhm max., initial
Operate Time	0.5msec max.
Bounce Time	0.5msec max.
Release Time	0.2msec max.
Insulation Resistance	10 <sup>10</sup> ohm min.
Power	10VA max.
Switching Voltage	100VDC max.
Switching Current	0.5 Amps max.
Carrying Current	1.0 Amps max.
Life Expectancy	10 <sup>8</sup> (signal level)
Minimum Breakdown Voltage	100VDC across open contact 1000VDC between coil and contact
Operate Temperature	-45 - +85 C
Storage Temperature	-50 - +125 C
Minimum Permissible Load	100mVDC 10 m A
Vibration	20g (10-2000Hz)
Shock	30g (11ms 1/2 sine wave)
Resonant Frequency	3.5KHz



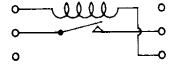
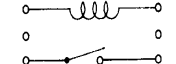
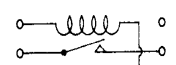
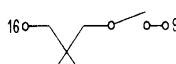
### Dimensions (mm)



### PCB Layout



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

Part Number	Nominal Coil Current (mA)	Coil Resistance +/-10%	Pull-in Current mA, max.	Drop-out Current mA, min.	Circuit Schematic Top View
F1A010M01	20	10	15	5	
F1A010M02	20	10	15	5	
F1A011M01	20	10	15	5	
F1A011M02	20	10	15	5	
Part Number	Coil Resistance +/-10%	Must Operate Current (mA) max	Must Release Current (mA) min.	Operator Current Range (mA)	Circuit Schematic Top View
F1A010M03	20	11	5	11-80	