

	RE Relays	
20A Switching capability 10A Continuous rating Small size with high contact rating		

1. Contact Data

Contact Form	1A	1C
Contact Material	AgNi, AgSnO ²	
Contact Ratings	NO:20A14VDC7A/120VAC, NC:12A/14VDC 7A/120VAC	
Max Switching Voltage	16VDC	
Max Switching Current	25A / Inrush 35A	
Max Switching Power	400W, 840VA	
Contact Resistance	100m ohm Max. at 6VDC 1A	
Life Expectancy Electrical	100,000 Operations (at 30 Operations / minute)	
Mechanical	10,000,000 Operations	

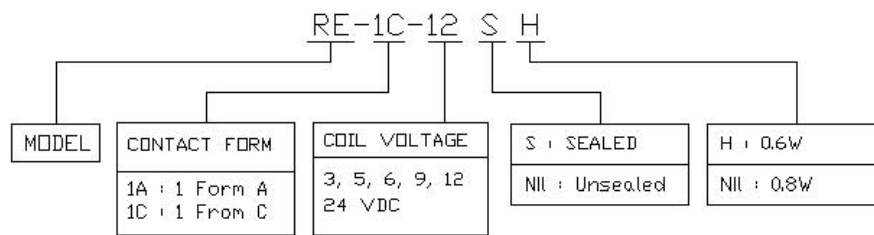
2. General Data

Insulation Resistance	100M Min at 500VDC	
Dielectric Strength Between	Open Contacts	500VAC (for one minute)
	Contacts and coil	500VAC (for one minute)
Operate Time	10ms	
Release Time	5ms	
Temperature Range	-40 to +85°C	
Shock Resistance	Operating Extremes	10G
	Damage Limits	100G
Vibration Resistance	10-55Hz, 2.0mm	
Humidity	35-85%	
Weight	Appro x 6g	
Safety Standard	UL E197546	

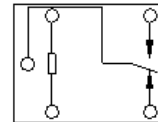
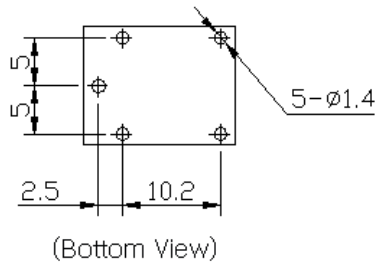
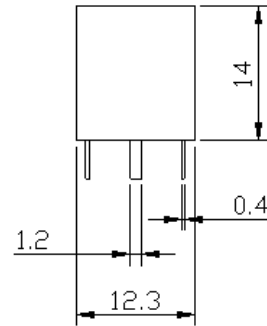
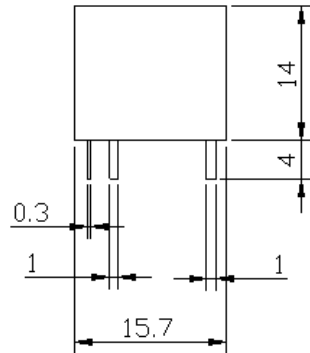
3. Coil Data

Nominal Voltage (VDC)	Coil Resistance at 20±10%(ohm)		Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
	0.6W	0.8W			
3	15	11.25	1.95	0.24	3.9
5	41	31	3.25	0.4	6.5
6	60	45	3.9	0.48	7.8
9	135	100	5.85	0.72	11.7
12	240	180	7.8	0.96	15.6
24	960	720	15.6	1.92	31.2

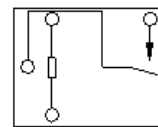
4. Ordering Code



5. Overall And Mounting Dimensions



Form C



Form A