

BA2

► FEATURES

- Small size and Low Cost
- SPDT configurations
- PCB mounting, DIP package



Size (L x W x H)
15.7 x 10.4 x 11.4mm

► CONTACT DATA

Contact Form		1A / 1C
Contact Material		AgNi+Au
Contact Ratings		3A 120VAC/24VDC
Max. Switching Voltage		240Vac / 60Vdc
Max. Switching Current		3A
Max. Switching Power		360VA/90W
Contact Resistance		100mΩ At 6VDC 1A
Life Expectancy	Electrical	100,000 Operations (at 30 ops a minute)
	Mechanical	10,000,000 Operations

► GENERAL DATA

Insulation Resistance		100MΩ Min at 500VDC
Dielectric Strength Between	Open Contacts	500VAC (for one minute)
	Coil and Contacts	1000VAC(for one Minute)
Operating time		5ms
Release time		5ms
Temperature Range		-25℃ to +55℃
Shock Resistance	Operating Extremes	10G
	Damage Limits	50G
Vibration Resistance		10-55Hz, 1.5mm
Humidity		40-85%
Weight		Approx 3.5g

► COIL PARAMETER

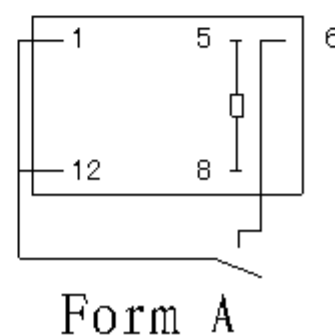
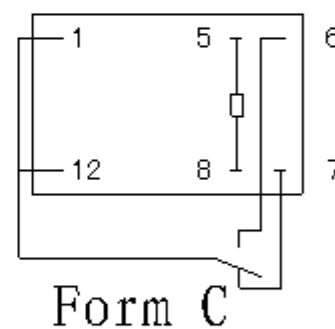
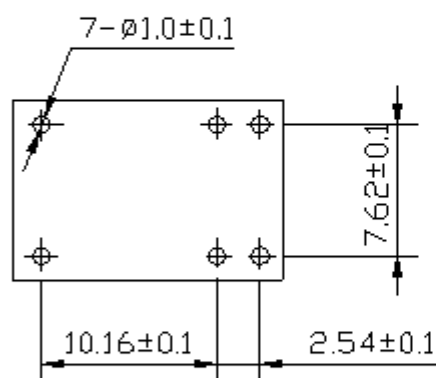
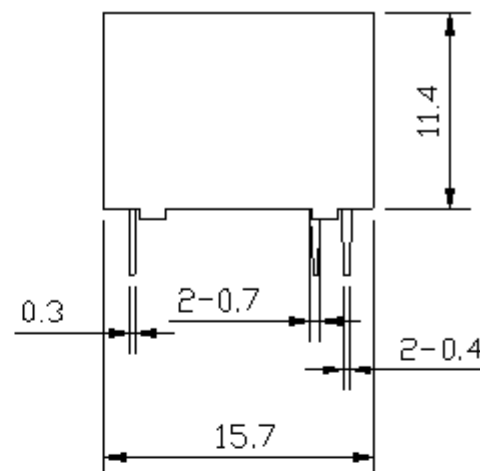
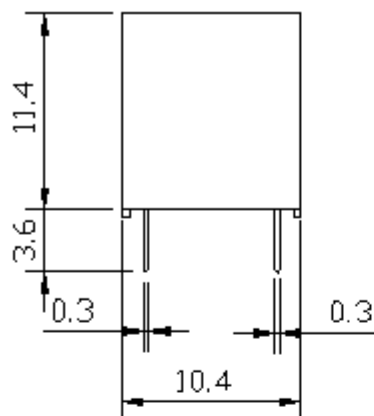
Nominal Voltage (VDC)	Coil Resistance at 20 C (Ω)			Max Operate Voltage	Min. Release Voltage	Max. Applicable Voltage
	0.2W	0.36W	0.45W			
3	45	25	20	2.25	0.3	3.9
5	125	70	56	3.75	0.5	6.5
6	180	100	80	4.5	0.6	7.8
9	405	220	180	6.75	0.9	11.7
12	720	400	320	9	1.2	15.6
24	2800	1600	1280	18	2.4	31.2

► ORDERING INFORMATION

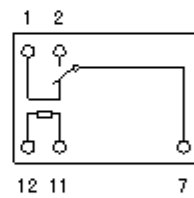
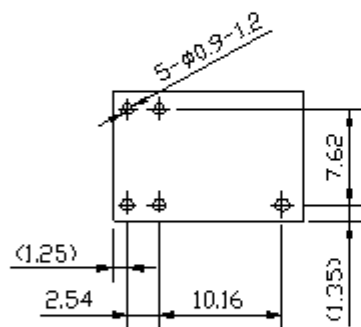
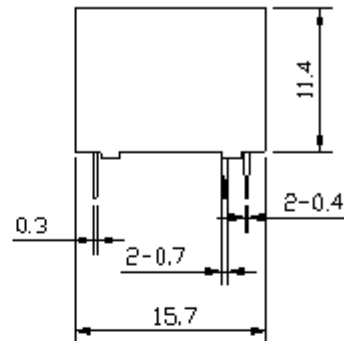
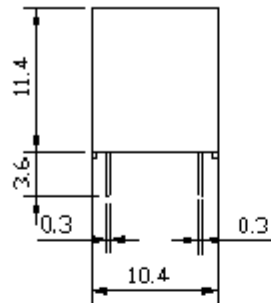
Ex) BA2 - A 12 H			
MODEL	Contact Form	COIL VOLTAGE	Coil Power Consumption
BA2 BA2E	NI1 : 1 Form C A : 1 Form A	3, 5, 6, 9, 12, 24VDC	NI1 : 0.45W H : 0.20W N : 0.36W

► DIMENSIONS (UNIT: MM)

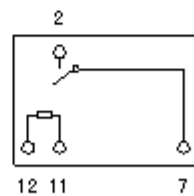
BA2



BA2E



FormC



FormA