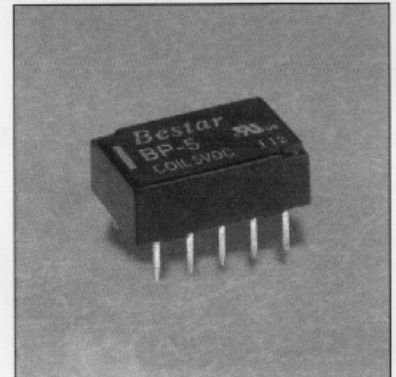


■ FEATURES

- Compact Size and low profile
- Conforms to FCC Part 68 1500V Surge and Dielectric strength 1000V
- DIL Pitch Terminal
- Fully Sealed
- UL recognized
- Single and double Coil latching Type available
- High Sensitivity: 140mW Nominal Power



■ COIL RATING (at 20 °C)

Single Side Stable

Model No.	Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Power Consumption (mW)	Maximum Continuous Voltage (VDC)
BP-3	3	64.3	2.25	0.3	140	7.5
BP-5	5	178	3.75	0.5	140	12.5
BP-6	6	257	4.5	0.6	140	15.0
BP-9	9	579	6.75	0.9	140	22.5
BP-12	12	1028	9.0	1.2	140	30.0
BP-24	24	2880	18.0	2.4	200	48.0

1 Coil Latching

Model No.	Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Power Consumption (mW)	Maximum Continuous Voltage (VDC)
BPL-3	3	90	2.25	-2.25	100	8.7
BPL-5	5	250	3.75	-3.75	100	14.5
BPL-6	6	360	4.5	-4.5	100	17.4
BPL-9	9	810	6.75	-6.75	100	26.1
BPL-12	12	1440	9.0	-9.0	100	34.8
BPL-24	24	3840	18.0	-18.0	150	57.6

■ ORDERING INFORMATION

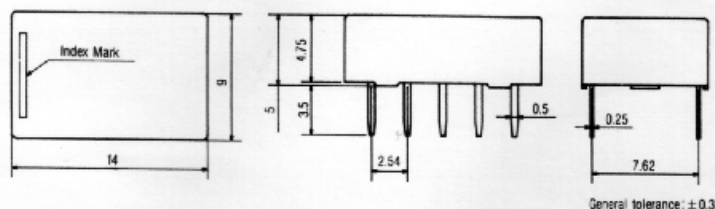
BPL-12VDC

Operation Function	Coil Voltage
Nil : Single Side Stable	See Coil Rating
L : 1 Coil Latching	

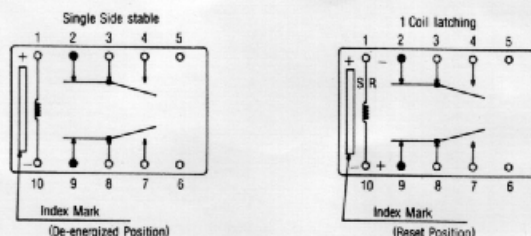
SPECIFICATIONS

Model No.		BP
Contact Arrangement		2 Form C
Contact Type		Bifurcated Crossbar
Contact Material	Movable Contact	AgPd
	Stationary Contact	AgPd + Au Clad
Contact Resistance		Max. 50mΩ (initial)
Contact Rating (at Resistive Load)		1A 30VDC/0.5A 125VAC
Max. Rating (at Resistive Load)	Max. Switching Voltage	250VAC, 220VDC
	Max. Switching Current	1A
	Max. Switching Power	30W (DC) / 62.5 VA (AC)
Min. Switching Load		0.01mA 10mV DC (Reference Value)
Dielectric Strength		
Between Open Contacts		1000 VAC for 1 minute
Between Coil & Contacts		1000 VAC for 1 minute
Between Contacts		1000 VAC for 1 minute
Surge Strength		
Between Open Contacts		1500V
Between Coil & Contacts		1500V
Between Contacts		1500V
Operate Time (at nominal Voltage)		Approx. 2ms
Release Time (at nominal Voltage)		Approx. 1ms
Set Time (latching)(at nominal Voltage)		Approx. 2ms
Reset Time (latching)		Approx. 2ms
Ambient Temperature		-40°C~+70°C
Insulation Resistance		Min. 1000MΩ at 500VDC
Vibration Resistance	Functional	3mm D.A. 10-55HZ
	Destruction	5mm D.A. 10-55HZ
Shock	Functional	50G (11ms)
	Destruction	100G (6ms)
Mechanical Life		1 x 10 ⁸ (at no load)
Electrical Life (Resistive Load)		2 x 10 ⁵ at 1A 30VDC 1 x 10 ⁵ at 0.5A 125VAC
Weight		Approx. 1.5g

DIMENSIONS(mm)



WIRING DIAGRAM
(Bottom View)



PC board pattern (mm)
(Bottom View)

