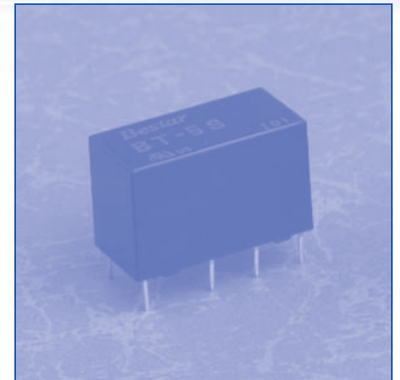


FEATURES

- 2 Form C Contact
- DIL Pitch Terminals
- High Reliability Bifurcated Contact
- Conforms to FCC Part 68 1500V Surge and Dielectric Strength 1000VAC
- Fully sealed
- UL File No. E147052



COIL RATING (at 20 °C)

Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Nominal Current (mA)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)	Power Consumption (mW)
5	167	30	3.5	0.5	6.0	150
6	240	25	4.2	0.6	7.2	150
9	540	16.6	6.3	0.9	10.8	150
12	960	12.5	8.4	1.2	14.4	150
24	2880	8.3	16.8	2.4	28.8	200
48	7680	6.25	33.6	4.8	57.6	300

ORDERING INFORMATION

BT-12 S

Coil Voltage	Coil Sensitivity
See Coil Rating	S : 150~300mW low consumption type

*Nil : Power Consumption up to 560mW available upon request

SPECIFICATIONS

Model No.		BT
Contact Arrangement		2 Form C
Contact Type		Bifurcated
Contact Material		AgPd+Au Clad
Contact Resistance		Max. 60mΩ (initial)
Contact Rating (at Resistive Load)	Max. Switching Voltage	220VAC, 150VDC
	Max. Switching Current	2A
	Max. Switching Power	30W(DC), 50VA(AC)
	Rated Load	1.25A 24VDC 0.5A 100VAC
Dielectric Strength		
Between Coil & Contacts		1000VAC(1 minute)
Between Contacts		1000VAC(1 minute)
Surge Strength		1500V
Operate Time		Max. 6m Sec
Release Time		Max. 4m Sec
Ambient Temperature		-30°C~+80 °C
Insulation Resistance		Min. 1000MΩ at 500VDC
Vibration Resistance		1.5mm D.A. 10-55HZ
Shock	Functional	10G
	Destruction	100G
Mechanical Life		2 x 10 ⁷ operations (at no load)
Electrical Life (Resistive Load)		2 x 10 ⁶ operations at 1mA 20m VAC
		2 x 10 ⁶ operations at 20mA 20 VDC
		1 x 10 ⁵ operations at 1.25A 24 VDC
		1 x 10 ⁵ operations at 0.5A 100 VAC
Weight		Approx. 6g

DIMENSIONS(mm) General Tolerance ±0.3	WIRING DIAGRAM (Bottom View)
	PC board pattern (mm) (Bottom View) General Tolerance ±0.1