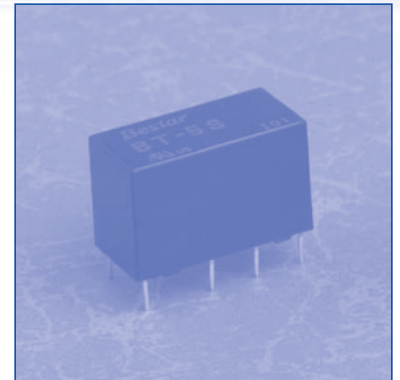


**FEATURES**

- 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

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

