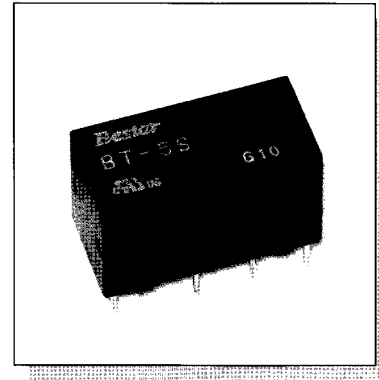




■ FEATURES

- 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)

Type	Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Power Consumption (mW)
BT-S	5	167	3.5	0.5	150
	6	240	4.2	0.6	150
	9	540	6.3	0.9	150
	12	960	8.4	1.2	150
	24	2880	16.8	2.4	200
	48	7680	33.6	4.8	300

■ ORDERING INFORMATION

BT - 12 - S

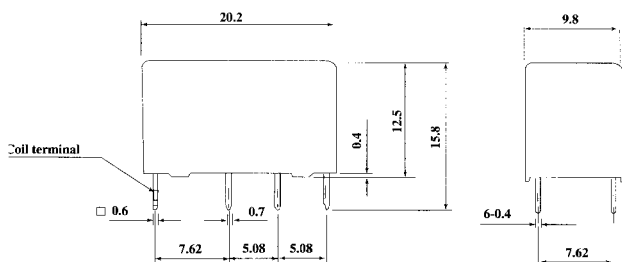
Model No.	Coil Voltage	Coil Sensitivity
BT	See Coil Rating	S : 150 ~ 300mW low consumption type

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

■ SPECIFICATIONS

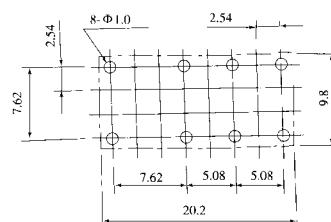
Model No.		BT
Contact Arrangement		2 Form C
Contact Type		Bifurcated
Contact Material		AgPd+Au Clad
Initial Contact Resistance Max		Max. 60mΩ
Contact Rating (at Resistive Load)	Max. Switching Voltage	150VDC/220VAC
	Max. Switching Current	2A
	Max Switching Power	30W(DC), 50VA(AC)
	Rated Load	1.25A 24VDC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

DIMENSIONS (in mm)



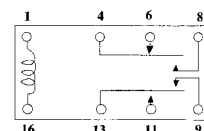
Tolerance: ±0.3

DRILLING PLAN (in mm) (Bottom View)



Tolerance: ±0.1

WIRING DIAGRAM (Bottom View)



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