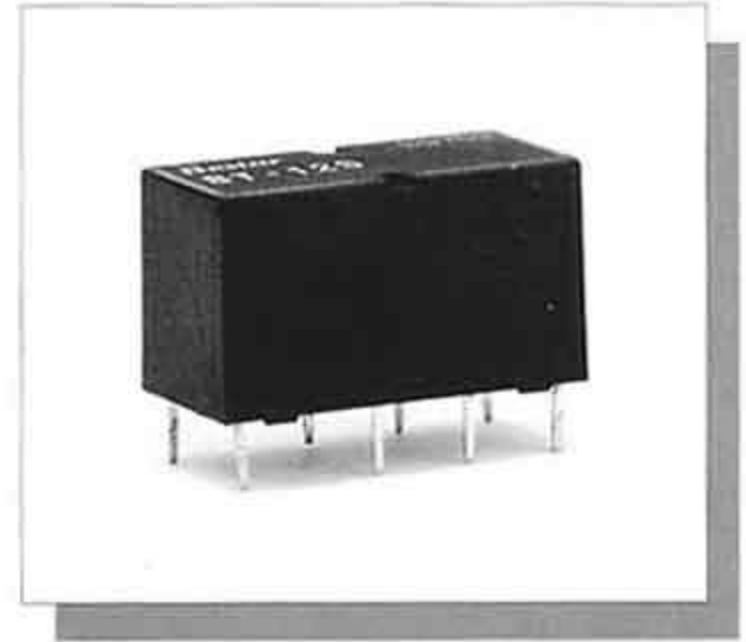


■ FEATURES

- 2 Form C Contact
- DIL Pitch Terminals
- High Reliability-Bifurcated Contact Available
- Conforms to FCC Part 68 Requirement
- Fully sealed
- UL File No. E147052
- CSA File No. LR76479-1



■ COIL RATING (at 20°C)

Type	Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
BT	3	22.5	2.1	0.3	4.5
	5	62.5	3.5	0.5	7.5
	6	90	4.2	0.6	9.0
	9	203	6.3	0.9	13.5
	12	360	8.4	1.2	18.0
	24	1440	16.8	2.4	36.0
	48	5760	33.6	4.8	72.0
BT-S	3	60	2.4	0.3	6.9
	5	167	4.0	0.5	11.5
	6	240	4.8	0.6	13.8
	9	540	7.2	0.9	20.7
	12	960	9.6	1.2	27.6
	24	3840	19.2	2.4	55.2
	48	15360	38.4	4.8	110.4

■ ORDERING INFORMATION

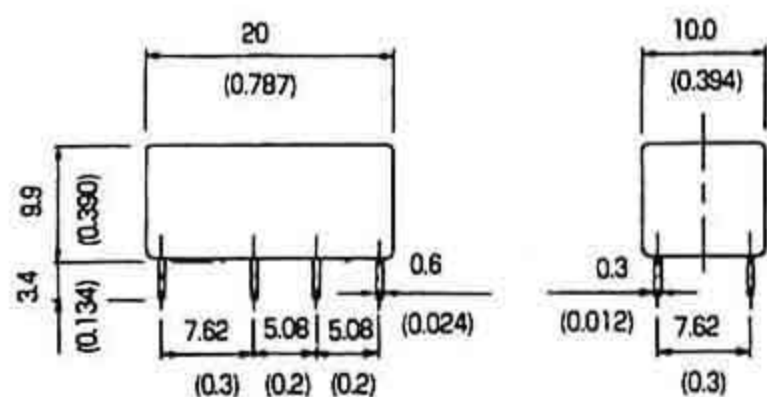
- BT-12S

Model No.	Coil Voltage	Coil Sensitivity
BT	See Coil Rating	Nil: Standard Type S: High Sensitivity Type

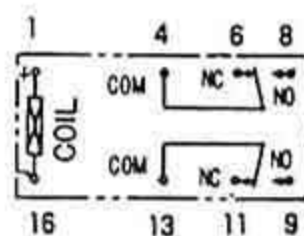
■ SPECIFICATIONS

Model No.	BT	
Contact Arrangement	2 Form C	
Contact Material	AgPd +Au clad	
Initial Contact Resistance Max.	Max. 50mΩ	
Contact Rating (at Resistive Load)	Max. Switching Voltage	220VDC / 250VAC
	Max. Switching Current	2A
	Max. Switching Power	60W (DC), 125VA (AC)
	Rated Contact load	2A 30VDC / 1A 125VAC
Dielectric Strength Between Coil & Contact Between Contacts	1500 Vrms (1 minute) 1000 Vrms (1 minute)	
Operate Time	Max. 5 m Sec.	
Release Time	Max. 3.5 m Sec.	
Ambient Temperature	-40°C ~ +70°C	
Insulation Resistance	Min. 100MΩ at 500VDC	
Vibration Resistance	1.5mm D.A. 10~55HZ	
Shock Mechanical Damage Malfunction	100G 40G	
Mechanical Life	100,000,000 Operations	
Electrical Life	300,000 Operations (2A 30VDC) 1,000,000 Operations (1A 30VDC)	
Weight	Approx. 5g	

DIMENSIONS (in mm)



**WIRING DIAGRAM
(Bottom View)**



**DRILLING PLAN (in mm)
(Bottom View)**

