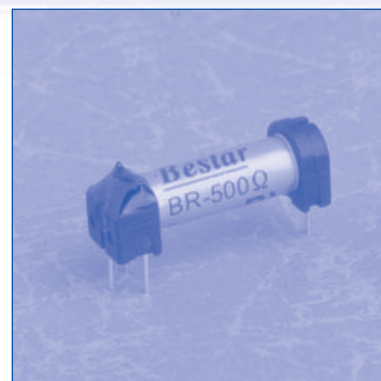


■ FEATURES

- Small size, light weight and low cost
- Application: Mainly use in Cordless Phone, Answering Machine and Security Alarm System etc....
- 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 (mW) Consumption |
|-----------------------|---------------------------------------|----------------------|-----------------------|------------------------|---------------------------------|------------------------|
| 3 | 63 | 47.6 | 2.1 | 0.3 | 160% (Max) | Approx 100-280 |
| 5 | 250 | 20.0 | 3.5 | 0.5 | | |
| 5 | 500 | 10.0 | 3.5 | 0.5 | | |
| 8 | 700 | 11.4 | 5.6 | 0.8 | | |
| 9 | 700 | 12.85 | 6.3 | 0.9 | | |
| 12 | 1050 | 11.4 | 8.4 | 1.2 | | |
| 24 | 2080 | 11.5 | 16.8 | 2.4 | | |

■ ORDERING INFORMATION

BR - 500 Ω - H - 5VDC

| Coil Resistance (Ω) | Contact Rating | Coil Voltage |
|------------------------------|--------------------|-----------------|
| See Coil Rating | Nil: 10W H: 20W | See Coil Rating |

■ SPECIFICATIONS

| Model No. | BR | | BR-H |
|---------------------------------------|--|-------------------------|----------|
| Contact Arrangement | 1 Form A | | |
| Contact Resistance | Max. 150mΩ (initial) | | |
| Contact Rating (at Resistive Load) | Rated Load | 0.5A 24VDC, 0.1A 100VAC | |
| | Max. Switching Current | 0.5A | |
| | Max. Switching Voltage | 120VAC, 60VDC | 200VDC |
| | Max. Switching Capacity | 10W (DC) / 10VA (AC) | 20W (DC) |
| | Max. Carrying Current | 1A | |
| | Min. Switching Current | 1mA at 1 VDC | |
| Operate Time | Max. 1.0mSec. | | |
| Release Time | Max. 0.5mSec. | | |
| Dielectric Strength | | | |
| Between Coil & Contact | 3000VDC (1 second) | | |
| Between Contacts | 200VDC (1 second) | | |
| Surge Strength | 3000V | | |
| Insulation Resistance | Min. 100MΩ at 500VDC, 1000MΩ at 100VDC | | |
| Ambient Temperature | -30 °C~+70 °C | | |
| Vibration Resistance | 1.5mm D.A. 10-55HZ | | |
| Shock Resistance | Endurance 100G | Error 13G | |
| Mechanical Life | 1 x 10 ⁸ operations at no load | | |
| Electrical Life | 1 x 10 ⁶ operations at 0.5A 24VDC (resistive) | | |
| Weight | Approx. 4.5g | | |

