

## Half-Size Crystal Can Welded • DPDT Dry Circuit to 2 Amps

### SPECIFICATIONS

#### GENERAL

**Contact Arrangement** .....2PDT (2 Form C)  
**Weight**.....0.25 oz approx.  
 Designed to meet the requirements of MIL-PRF-39016.

#### PERFORMANCE

##### Contact Rating (Note 1):

Resistive..... 2 Amps @ 28 VDC or 115V 400 Hz  
 (Case Ungrounded)  
 Low Level .....10-50  $\mu$ A @ 10-50 mv DC  
 or peak AC (Note 4)

**Life** .....100,000 operations minimum  
 @ rated load, 125°C

**Pull In Power** .....250 mw approx.

**Operate/Release Time** .....4 ms max, excluding  
 bounce time at nominal coil voltage

**Contact Bounce Time**.....2 ms max @ 2 Amps  
 28 VDC

##### Contact Resistance:

Before Life .....0.050 Ohms max @ 2 Amps  
 and 6 VDC  
 After Life .....0.100 Ohms max @ 2 Amps  
 and 6 VDC

#### ENVIRONMENTAL

**Temperature Range** .....-65°C to +125°C  
**Vibration** (Note 2).....0.4" DA 10 - 38 Hz  
 20 G's 38 - 2,000 Hz  
**Shock (Operating)**(Note 2) ..... 50 G's 11 ms

#### ELECTRICAL CHARACTERISTICS

**Duty Cycle**.....Continuous

##### Insulation Resistance

10,000 megohms @ 500V 25°C  
 1,000 megohms @ 500V 125°C

##### Dielectric Strength:

###### Sea Level:

Contact to Case .....1,000 VRMS  
 Contact to Coil .....1,000 VRMS  
 Coil to Case .....500 VRMS  
 Across Open Contacts .....500 VRMS

###### 70,000 Feet:

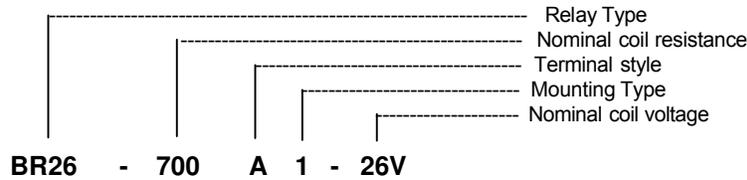
All Points .....350 VRMS

#### Notes

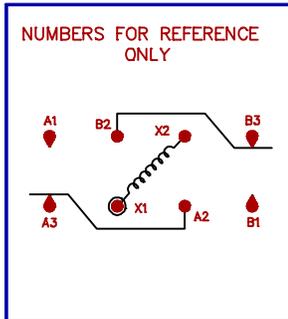
1. For case grounded loads and other ratings, consult the factory.
2. For applications requiring other shock and vibration levels, consult the factory.
3. For other ratings consult the factory.
4. Relay contacts which have switched high level currents are no longer suitable for switching low level loads.

## COIL DATA

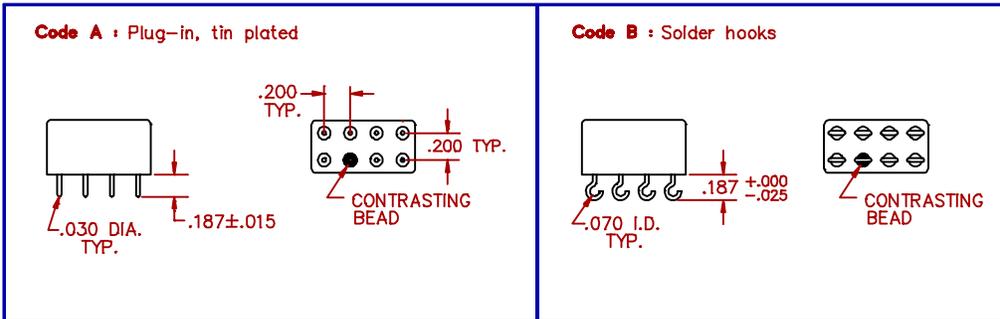
MODEL BR26 PART NUMBER	BR26-37() -6V	BR26-150() -12V	BR26-700() -26V
NOMINAL COIL VOLTAGE	6 VDC	12 VDC	26 VDC
MAXIMUM COIL VOLTAGE	7.3 VDC	14.8 VDC	32 VDC
PULL IN VOLTAGE (MAX @ +125°C)	4.4 VDC	8.4 VDC	18 VDC
PULL IN VOLTAGE (MAX)	3 VDC	6 VDC	13 VDC
DROP OUT VOLTAGE (MIN)	0.3 VDC	0.6 VDC	1.3 VDC
COIL RESISTANCE ± 10% @ 25°C	37 OHMS	150 OHMS	700 OHMS



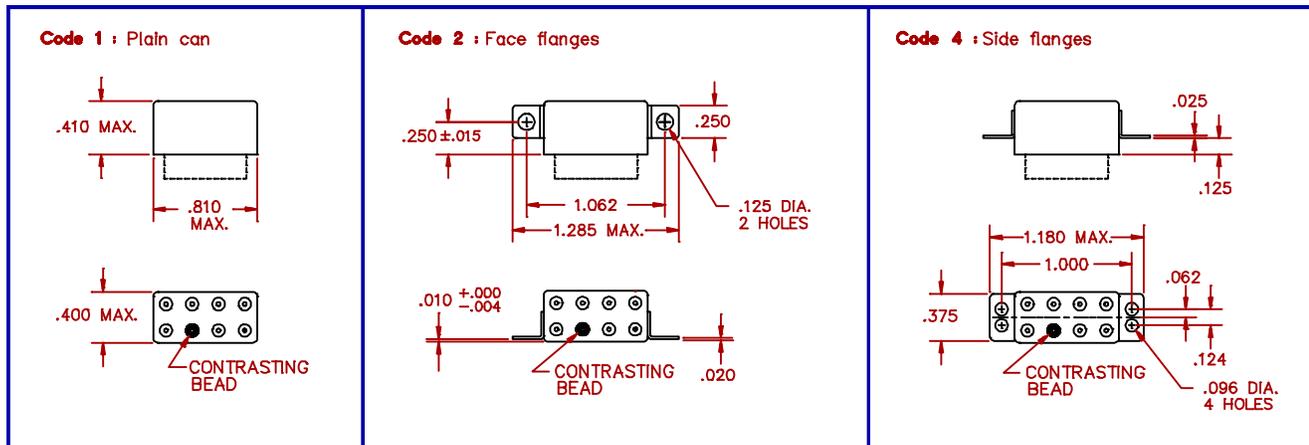
## SCHEMATIC TERMINAL VIEW



## TERMINAL STYLES

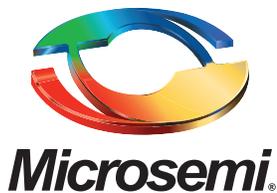


## MOUNTING CODES



## GENERAL NOTES

- Unless otherwise specified, all tests made at nominal coil voltages, @ 25°C.
- For special coil variations, switching configurations, terminals styles and mounting types, consult the factory.
- Unless otherwise specified, tolerances on decimal dimensions are ± .010".
- Specifications contained herein are subject to change without notice.



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