

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

SPECIFICATIONS

GENERAL

Contact Arrangement2PDT (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 Level10-50 μ A @ 10-50 mv DC
 or peak AC (Note 4)
Life100,000 operations minimum
 @ rated load, 125°C
Pull In Power250 mw approx.
Operate/Release Time4 ms max, excluding
 bounce time at nominal coil voltage
Contact Bounce Time.....2 ms max @ 2 Amps
 28 VDC
Contact Resistance:
 Before Life0.050 Ohms max @ 2 Amps
 and 6 VDC
 After Life0.100 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

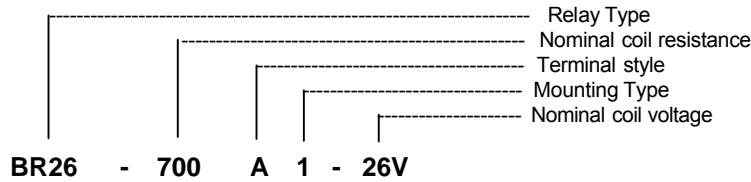
Duty Cycle.....Continuous
Insulation Resistance
 10,000 megohms @ 500V 25°C
 1,000 megohms @ 500V 125°C
Dielectric Strength:
 Sea Level:
 Contact to Case1,000 VRMS
 Contact to Coil1,000 VRMS
 Coil to Case500 VRMS
 Across Open Contacts500 VRMS
 70,000 Feet:
 All Points350 VRMS

Notes

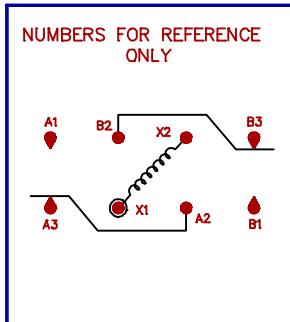
1. For case grounded loads and other ratings, consult the factory.
2. For applications requiring other shock and vibration levels, consult the factory.
3. For other ratings consult the factory.
4. Relay contacts which have switched high level currents are no longer suitable for switching low level loads.

COIL DATA

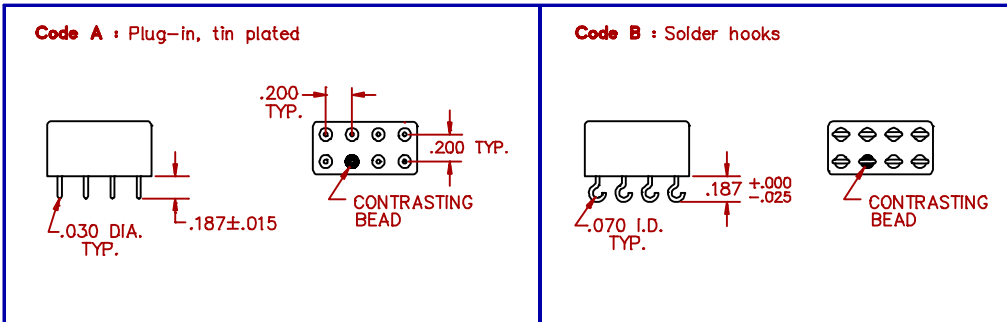
MODEL BR26 PART NUMBER	BR26-37() ⁽¹⁾ -6V	BR26-150() ⁽¹⁾ -12V	BR26-700() ⁽¹⁾ -26V
NOMINAL COIL VOLTAGE	6 VDC	12 VDC	26 VDC
MAXIMUM COIL VOLTAGE	7.3 VDC	14.8 VDC	32 VDC
PULL IN VOLTAGE (MAX @ +125°C)	4.4 VDC	8.4 VDC	18 VDC
PULL IN VOLTAGE (MAX)	3 VDC	6 VDC	13 VDC
DROP OUT VOLTAGE (MIN)	0.3 VDC	0.6 VDC	1.3 VDC
COIL RESISTANCE ± 10% @ 25°C	37 OHMS	150 OHMS	700 OHMS



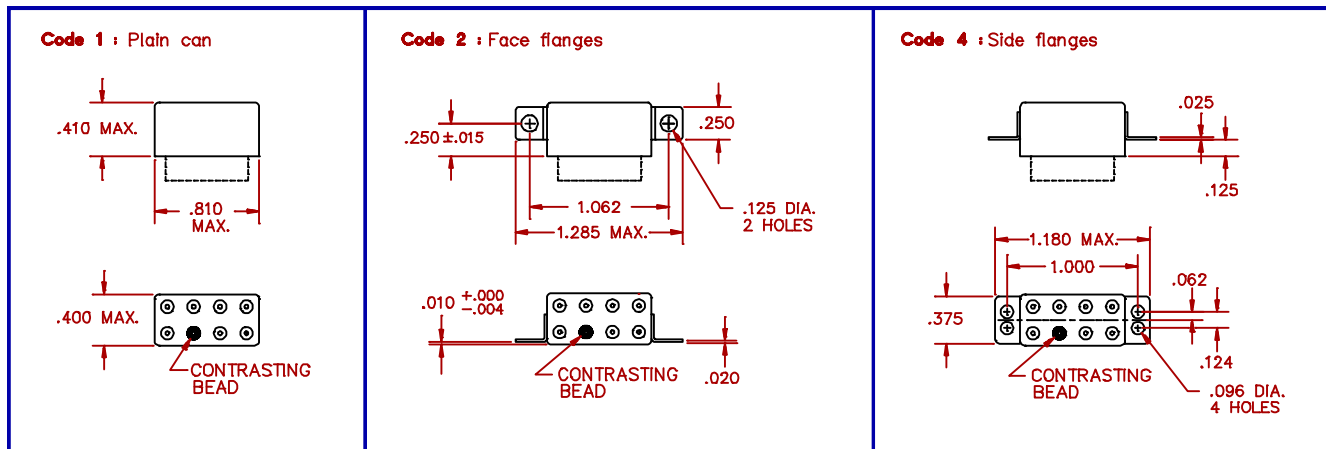
SCHEMATIC TERMINAL VIEW



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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