



Miniature 10 Amps · 2PDT **To MIL-PRF-83536 DC Suppressed Coils**

SPECIFICATIONS

GENERAL

Operate/Release Time: DC Coil 15 ms max Excluding bounce time at nominal coil voltage Designed to meet the requirements of MIL-PRF-83536 **PERFORMANCE** @ rated contact load, 28 VDC Contact Rating (Note 1) Contact Voltage Drop: Before Life 100 mv max @ 10 Amps 115/208V 400 Hz and 6 VDC After Life 125 mv max @ 10 Amps (Case Grounded) and 6 VDC **ENVIRONMENTAL** (Case Grounded) 115/208V 400 Hz Temperature Range.....-70°C to +125°C 2.5 Amps @ 115/208V 60 Hz (Case Grounded) 30 G's 70 - 3.000 Hz 115/208V 400 Hz 2 Amps @ 115/208V 60 Hz ELECTRICAL CHARACTERISTICS (Case Grounded) Lamp 2 Amps @ 28 VDC or Duty Cycle...... Continuous 115/208V 400 Hz Insulation Resistance100 megohms (Case Grounded) @ 500V 25°C 1.5 Amps @ 115/208V 60 Hz Dielectric Strength: (Case Grounded) Sea Level: Contact to Case 1,250 VRMS Life 100,000 operations minimum @ rated resistive load, 125°C Across Open Contacts 1,250 VRMS Pull In Power......500 mw approx. 80.000 Feet: All Points.......350 VRMS

MIL-PRF-83536/10 QUALIFIED to ER level M

Notes

April 2015 Rev.6

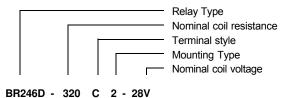
- For other ratings consult the factory.
- For applications requiring higher shock and vibration, consult the factory.

AC coil line frequency50 to 400 Hz.



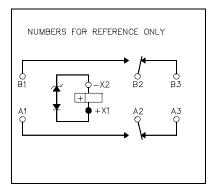
COIL DATA

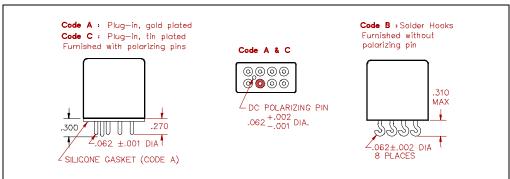
MODEL BR246D PART NUMBER	BR246D-20()()-6V	BR246D-80()()-12V	BR246D-320()()-28V	BR246D-1000()()-48V
NOMINAL COIL VOLTAGE	6 VDC	12 VDC	28 VDC	48 VDC
MAXIMUM COIL VOLTAGE	8 VDC	15 VDC	29 VDC	59 VDC
PULL IN VOLTAGE (MAX @ +125°C)	4.5 VDC	9 VDC	18 VDC	36 VDC
DROP OUT VOLTAGE (MAX)	1.8 VDC	3.5 VDC	5.1 VDC	11 VDC
MAXIMUM BACK EMF	9 VDC	18 VDC	42 VDC	72 VDC
COIL RESISTANCE ± 10% @ 25°C	20 OHMS	80 OHMS	320 OHMS	1000 OHMS



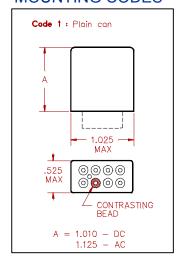
SCHEMATIC TERMINAL VIEW

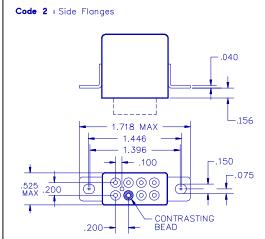
TERMINAL STYLES

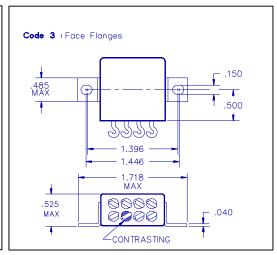




MOUNTING CODES







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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