



Miniature 25 Amps • 1PDT To MIL-PRF-6106

SPECIFICATIONS

GENERAL

Contact Arrangement
PERFORMANCE
Contact Rating (Note 1): (Case Grounded) Resistive25 Amps @ 28 VDC or 115/208V 400 Hz (Case Grounded)
Inductive
Motor
Lamp5 Amps @ 28 VDC or 115/208V 400 Hz (Case Grounded)
Life

Operate/Release Time:	DC Coil AC Coi
	15 ms max 50 ms max
Excluding bounce time	at nominal coil voltage
Contact Bounce Time	1 ms max
Osads at Wallace Busin	@ rated contact load, 28 VDC
Contact Voltage Drop:	450 0.05 4
Before Life	150 mv max @ 25 Amps
A 61 1 1 6	and 6 VDC
After Life	175 mv max @ 25 Amps
ENIVIDONIMENTAL	and 6 VDC
ENVIRONMENTAL	
Temperature Range	70°C to +125°C
Vibration (Note 2)	0.12" DA 10 - 70 Hz
	30 G's 70 - 3,000 Hz
Shock (Operating)(Note 2	2)200 G's 6 ms
ELECTRICAL CHAR	ACTEDICTICS
ELECTRICAL CHARA	
Duty Cycle	Continuous
Insulation Resistance	100 megohms
	@ 500V 25°C
Dielectric Strength:	
Sea Level:	
	1,250 VRMS
	1,250 VRMS
	1,000 VRMS
	cts1,250 VRMS
80,000 Feet:	
All Points	350 VRMS

MIL-PRF-6106/19 QUALIFIED

Notes

1. For other ratings consult the factory.

vibration, consult the factory.

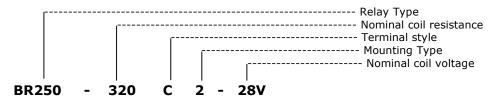
3. AC coil line frequency 50 to 400 Hz. 2. For applications requiring higher shock and

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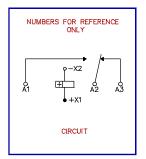
COIL DATA

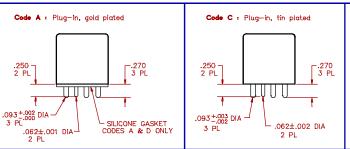
MODEL BR250 PART NUMBER	BR250-20()()-6V	BR250-80()()-12V	BR250-320()()-28V	BR250-1000()()-48V	BR250AC-()()-115V (Note 3)
NOMINAL COIL VOLTAGE	6 VDC	12 VDC	28 VDC	48 VDC	115 VAC
MAXIMUM COIL VOLTAGE	8 VDC	15 VDC	29 VDC	59 VDC	122 VAC
PULL IN VOLTAGE (MAX @ +125°C)	4.5 VDC	9 VDC	18 VDC	36 VDC	90 VAC
DROP OUT VOLTAGE (MAX)	1.8 VDC	3.5 VDC	5.1 VDC	11 VDC	5 - 30 VAC
COIL RESISTANCE ± 10% @ 25°C	20 OHMS	80 OHMS	320 OHMS	1000 OHMS	I = 0.04 AMPS

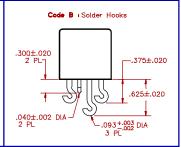


SCHEMATIC TERMINAL VIEW

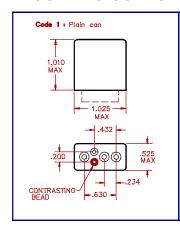
TERMINAL STYLES

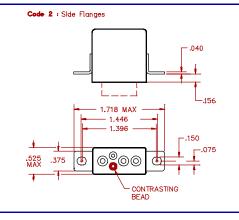


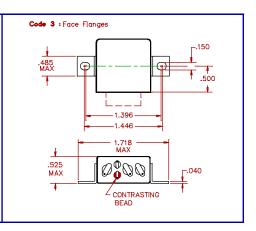




MOUNTING CODES







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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