



POWER MANAGEMENT GROUP
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BR246-S0234

General

Contact Arrangement: 2PDT (2 Form C)

Weight: 1.6 oz approx.

Performance

Contact Rating:

Resistive: 10 Amps @ 28 VDC

Inductive:

- 8 Amps @ 28 VDC

Motor:

- 4 Amps @ 28 VDC

Lamp:

- 2 Amps @ 28 VDC

Life: 30,000 operations minimum @ rated resistive load, 220°C

Pull In Power: 500 mw approx.

Operate/Release Time:

Excluding bounce time at nominal coil voltage

DC Coil: 15 ms max

Contact Bounce Time: 1 ms max @ rated contact load, 28 VDC

Contact Voltage Drop:

Before Life: 100 mv max @ 10 Amps and 6 VDC

After Life: 125 mv max @ 10 Amps and 6 VDC

Environmental

Temperature Range: -40°C to +220°C

Vibration: 0.12" DA 10 - 70 Hz, 30 G's 70 - 3,000 Hz

Shock (Operating): 200 G's 6 ms

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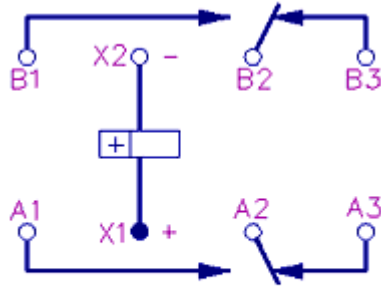
Electrical Characteristics

Duty Cycle: Continuous
Insulation Resistance: 100 megohms @ 500V 25°C
Dielectric Strength:
 Sea Level:
 Contact to Case 1,250 VRMS
 Contact to Coil 1,250 VRMS
 Coil to Case 1,000 VRMS
 Across Open Contacts 1,250 VRMS
 80,000 Feet:
 All Points 350 VRMS

| | Nominal Coil Voltage | Maximum Coil Voltage | Pull In Voltage (Max @ +220°C) | Drop Out Voltage (Max) | Coil Resistance ±10% @ 25°C |
|-------------|----------------------|----------------------|--------------------------------|------------------------|-----------------------------|
| BR246-S0232 | 28 VDC | 29 VDC | 24VDC | 7.5 VDC | 320 OHMS |

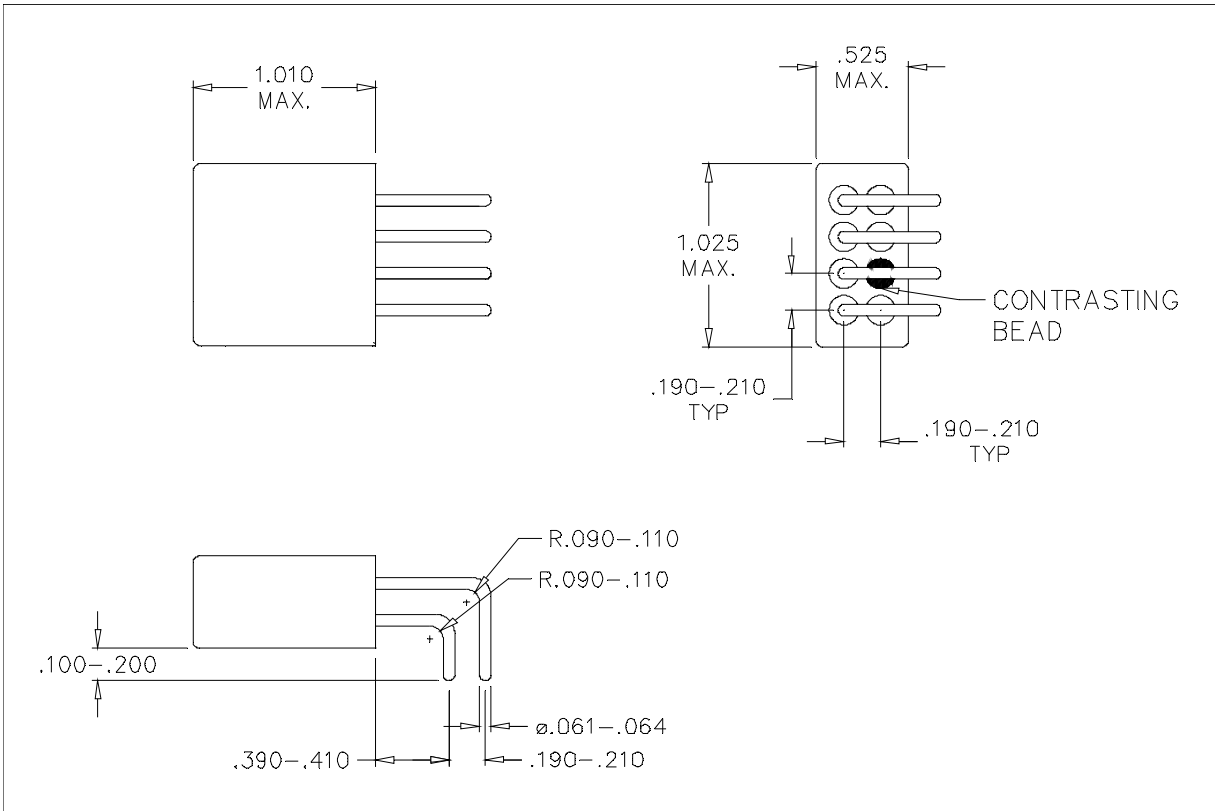
Schematic Terminal Views

Numbers for reference only.



CIRCUIT

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**General Notes**

- Unless otherwise specified, all tests made at nominal coil voltages, @ 25°C.
- Unless otherwise specified, tolerances on decimal dimensions are $\pm .010$ ".
- Specifications contained herein are subject to change without notice.

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