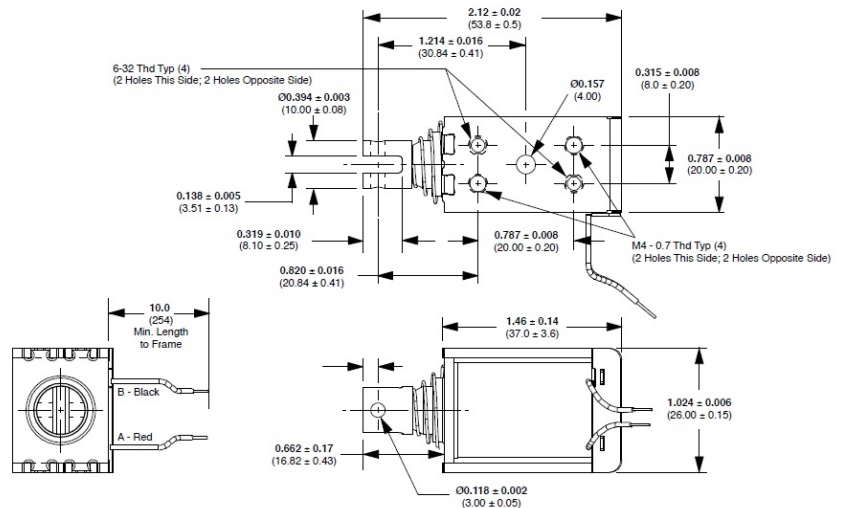


Model B14HD-L

Latching DC Pull Box Frame Solenoid

Size: 1.46" L x 0.79" W x 1.024" H

ALL PRODUCTS ARE RoHS COMPLIANT



See website for coil connection and operation details
Solenoid shown latched with plunger fully seated

| Part No. | Duty Cycle | Pull-in Voltage | Unlatch Voltage | Resistance (Ω) ± 5% | Max On Time | Power (W) | Current (A) |
|-----------------|--------------|-----------------|-----------------|---------------------|-------------|-----------|-------------|
| B14HD-L-258-B-4 | Intermittent | 6 VDC | 4.4 VDC | 1.45 | 27 Secs | 22.0 | 4.14 |
| B14HD-L-257-B-4 | Intermittent | 12 VDC | 8.9 VDC | 7.00 | 27 Secs | 22.0 | 1.71 |
| B14HD-L-254-B-4 | Intermittent | 24 VDC | 17.7 VDC | 27.50 | 27 Secs | 22.0 | 0.87 |

Intermittent Duty = 25% "On" Time
When ordering please refer to Part No. as listed above
Please consult factory for custom configurations

| Stroke (in.) | Typical Pull Force (lbs.) | | | | | | | | Magnet Hold Force (lbs.) |
|-------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|--------------------------|
| | 0.050 | 0.100 | 0.150 | 0.200 | 0.250 | 0.300 | 0.350 | 0.400 | |
| Intermittent Duty | 4.4 | 4.0 | 3.8 | 3.3 | 2.5 | 1.9 | 1.4 | 1.0 | 8.7 lbs w/spring |

Additional Specifications:

- Dielectric Strength: 1000 VRMS
- Recommended Heat Sink: All force values shown are with no heat sink and 20°C ambient temperature
- Return Spring Rate: 2.95 lbs./in.; 1.74 lbs. in the latched position
- Coil Insulation: Class "B" - 130°C max temperature
- Total Unit Weight: 3.47 oz. / 98.37 g
- Plunger Weight: 0.86 oz. / 24.38 g



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