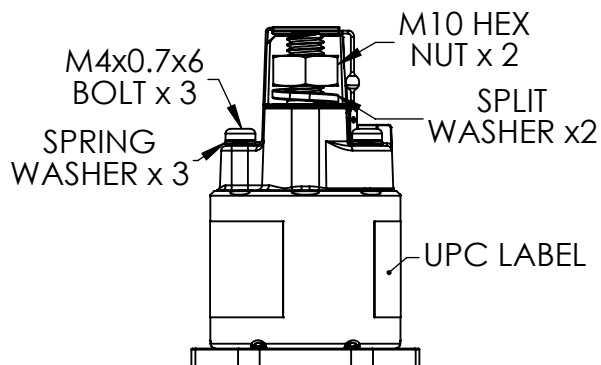
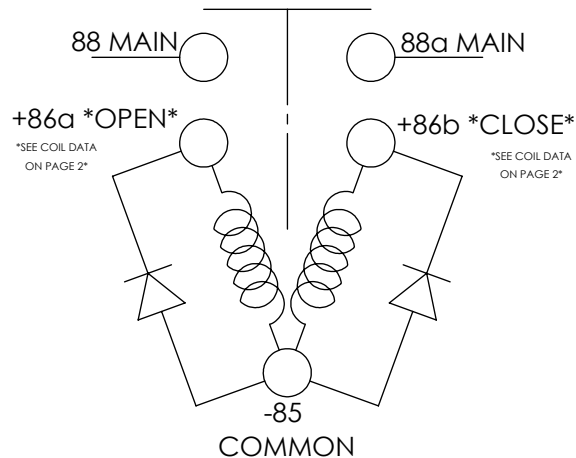
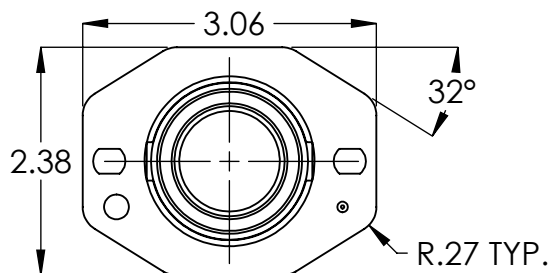
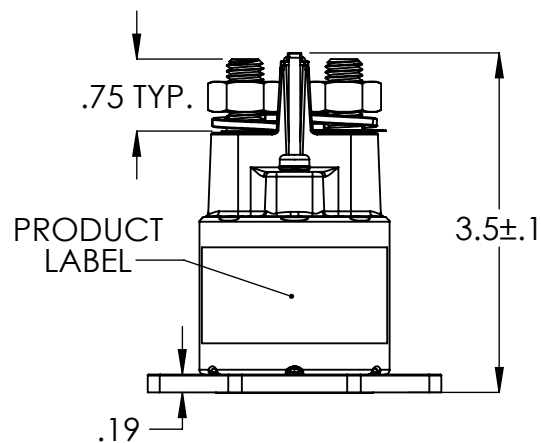
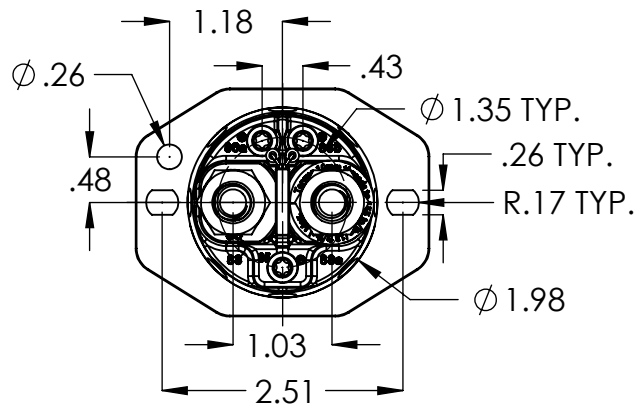
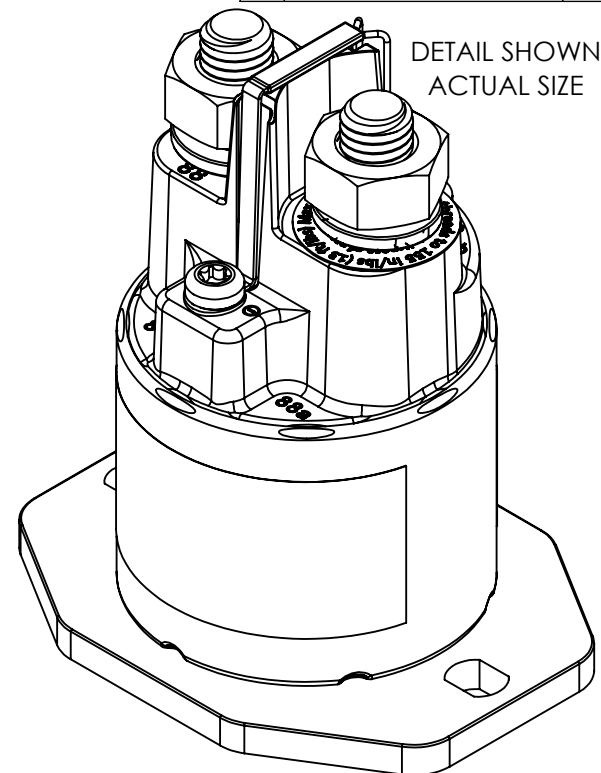


PRODUCT LABEL



863206000072  
UPC BARCODE

| REV.      | DESCRIPTION | DATE | APP'D | REV.      | DESCRIPTION | DATE | APP'D |
|-----------|-------------|------|-------|-----------|-------------|------|-------|
| REVISIONS |             |      |       | REVISIONS |             |      |       |

|                                                                                                                                                                      | NAME | DATE    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| DRAWN                                                                                                                                                                | JRT  | 9-25-19 |
| CHECKED                                                                                                                                                              |      |         |
| ENG APPR.                                                                                                                                                            | RMF  | 9-25-19 |
| MFG APPR.                                                                                                                                                            |      |         |
| Q.A.                                                                                                                                                                 |      |         |
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL $\pm 1/32$<br>ANGULAR: MACH $\pm$ BEND $\pm$<br>TWO PLACE DECIMAL $\pm .010$<br>THREE PLACE DECIMAL $\pm .005$ |      |         |

|                                                                                  |                                  |        |
|----------------------------------------------------------------------------------|----------------------------------|--------|
| <br>461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA<br>DO NOT SCALE DRAWING |                                  |        |
| TITLE: <b>BI-STABLE RELAY<br/>12VDC-200AMP<br/>W/HARDWARE &amp; DIODES</b>       |                                  |        |
| BLANK WEIGHT:                                                                    | PART WEIGHT: 1.1 LBS             |        |
| SIZE A                                                                           | DWG. NO. <b>BR-200-12-1-34</b>   | REV. A |
| SHEET 1 OF 2                                                                     |                                  |        |
| SCALE: 1:2                                                                       | FILENAME: BR-200-12-1-34 WEBSITE |        |

## Bi-Stable Relay Technical Data

Temperature range: -40 C to +85°C  
 -40°F to +185°F  
 Max. Altitude rating: 50,000 ft.  
 Seal: IP67: IEC 60529  
 Shock: 6g, 11ms, Saw Tooth  
 Vibration: SAE J1455, Appendix A Cat. 2,  
 4g - 10Hz-2000Hz

## Electrical Characteristics

Min. Insulation Resistance: 100 MΩ  
 Dielectric withstanding voltage: 1025 V / 1 min.  
 Max. Contact drop, initial: 150 mV  
 (CTQ <0.0009 VDC @ 24 VDC 1AMP, MAX)  
 Duty rating, Continuous: 200 A

## Rated Contact Load 12 VDC

Resistive load: 50,000 cycles 200 A  
 Inductive load: 10,000 cycles 100 A  
 Motor load: 50,000 cycles 200 A  
 Bounce: ≤ 5 ms  
 Break: ≤ 5 ms

## Coil Data 12 VDC

Nominal voltage: 12 VDC  
 Voltage range: 9-16 VDC  
 (CTQ @ 7VDC)  
 Pull closed coil resistance: 1.92 Ω, ± 10%  
 Pull open coil resistance: 2.38 Ω, ± 10%  
 \*Minimum Pulse Length: 100ms\*  
 \*Maximum Pulse Length: 400ms\*  
 \*Max. operations per minute: 6 (Momentary Pulse)\*

|           | NAME | DATE    |
|-----------|------|---------|
| DRAWN     | JRT  | 9-25-19 |
| CHECKED   |      |         |
| ENG APPR. | RMF  | 9-25-19 |
| MFG APPR. |      |         |
| Q.A.      |      |         |

|                                                                                                                                                                       |                                |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|
| <br>461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA<br>DO NOT SCALE DRAWING |                                |                                  |
| TITLE:                                                                                                                                                                |                                |                                  |
| <b>BI-STABLE RELAY<br/>12VDC-200AMP<br/>W/HARDWARE &amp; DIODES</b>                                                                                                   |                                |                                  |
| SIZE<br><b>A</b>                                                                                                                                                      | DWG. NO. <b>BR-200-12-1-34</b> | REV.<br><b>A</b>                 |
| SCALE:1:2                                                                                                                                                             |                                | FILENAME: BR-200-12-1-34 WEBSITE |

DWG NO: BR-200-12-1-34