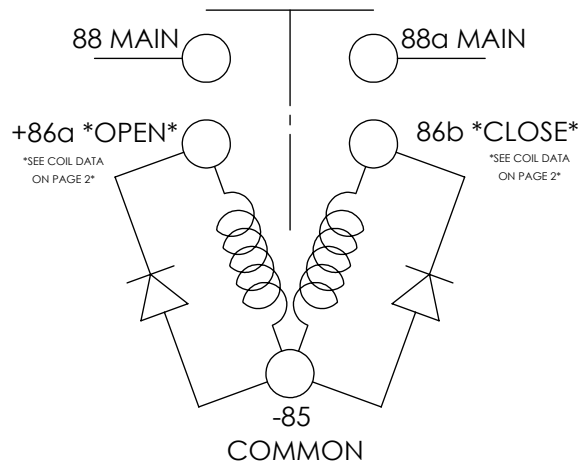
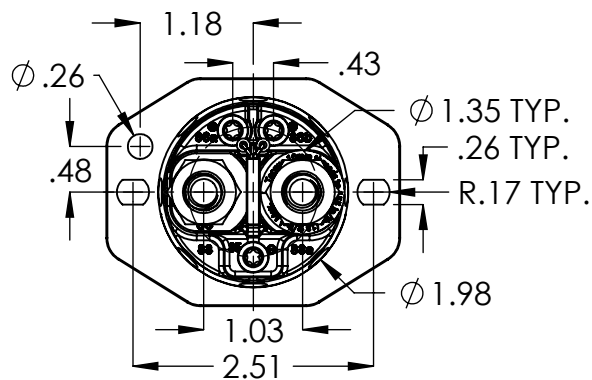
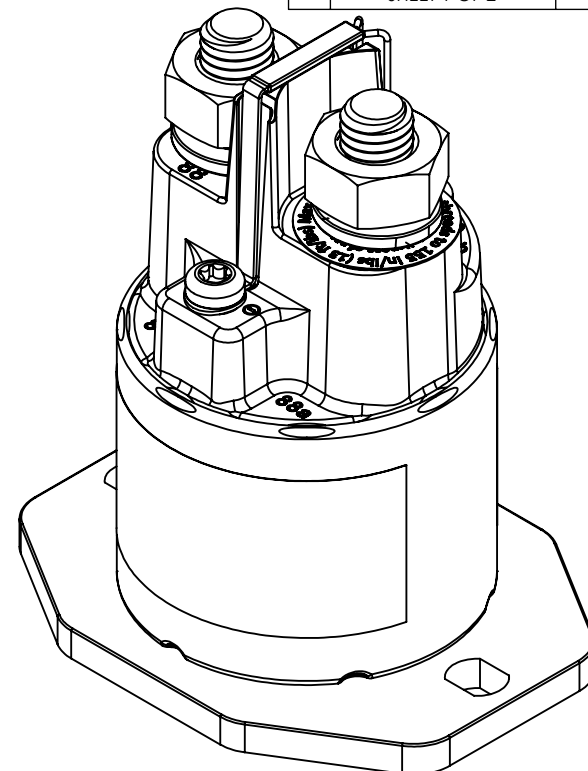
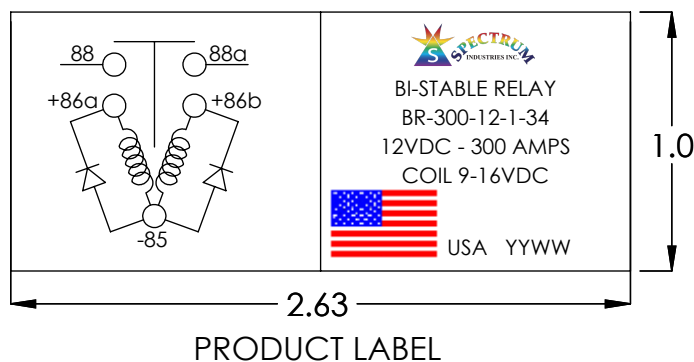
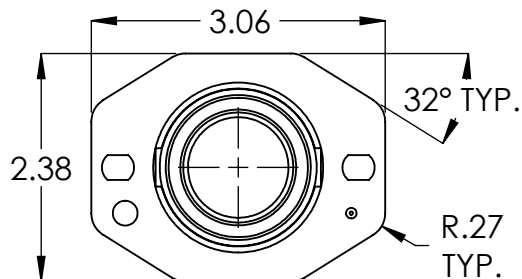
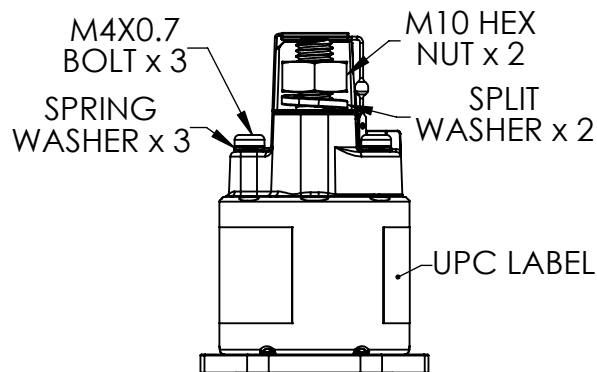
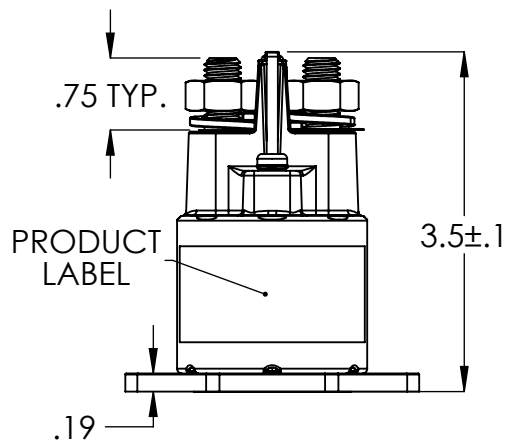




	DRAWING NUMBER	REV.
A	BR-300-12-1-34 SHEET 1 OF 2	A



DETAIL SHOWN ABOVE ACTUAL SIZE



UPC BARCODE

	NAME	DATE
DRAWN	JRT	5-8-19
CHECKED		
ENG APPR.	RMF	5-8-19
MFG APPR.		
Q.A.		

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR: MACH ± 1.0 BEND $\pm$
TWO PLACE DECIMAL $\pm .010$
THREE PLACE DECIMAL $\pm .005$

 461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA		
DO NOT SCALE DRAWING		
TITLE: BI-STABLE RELAY 12VDC-300AMP W/HARDWARE & DIODES		
BLANK WEIGHT: -	PART WEIGHT: 1.2 LBS	
SIZE A	DWG. NO. BR-300-12-1-34	REV. A
SHEET 1 OF 2		
SCALE: 1:2	FILENAME: BR-300-12-1-34	

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

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: 300 A

Rated Contact Load 12 VDC

Resistive load: 50,000 cycles 300 A
 Inductive load: 10,000 cycles 150 A
 Motor load: 50,000 cycles 300 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	5-8-19
CHECKED		
ENG APPR.	RMF	5-8-19
MFG APPR.		
Q.A.		

		
461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA		
DO NOT SCALE DRAWING		
TITLE: BI-STABLE RELAY 12VDC-300AMPS W/HARDWARE & DIODES		
SIZE A	DWG. NO. BR-300-12-1-34	REV. A
SCALE: 1:2		FILENAME: BR-300-12-1-34

DWG NO: BR-300-12-1-34