



NOTES

1. PRODUCT TYPE: BISTABLE SHUTTER.
2. OPERATION: SHOWN MAGNETICALLY LATCHED IN POSITION #1, SHUTTER SHALL ROTATE $50 \pm 2^\circ$ CW AND LATCH IN POSITION #2 WHEN SUBJECTED TO A 50-100 MILLISECOND PULSE AT 6 VDC OVER AN OPERATING TEMPERATURE RANGE OF -40°C TO $+65^\circ\text{C}$. SHUTTER SHALL RETURN TO POSITION #1 AND LATCH WHEN SUBJECTED TO A REVERSE POLARITY PULSE OF EQUAL MAGNITUDE.
3. COIL: RESISTANCE SHALL BE 30 ± 1.5 OHMS @ 25°C . LEADS SHALL BE RED AND BLACK TEFLON INSULATED WIRE PER M16878 TYPE 30 ET. LEAD LENGTH TO BE 6 INCHES, STRIPPED AND TINNED $1/4" \pm 1/8"$ AT BOTH ENDS.
4. POLARITY: CW / RED (+) BLK (-), CCW / RED (-) BLK (+).
5. BLACK ANODIZE SHUTTER AND HOUSING.
6. THIS DRAWING PROVIDES GENERAL PRODUCT INFORMATION. FOR COMPLETE TECHNICAL DETAILS PLEASE CONTACT US AT (203) 544-9341 OR VIA EMAIL AT SALES@BRANDSTROMINSTRUMENTS.COM

PROPRIETARY DOCUMENT
SIMPLIFIED DRAWING
 SEE NOTE 6

COPYRIGHT © 2011 BRANDSTROM INSTRUMENTS, INC. ALL RIGHTS RESERVED.

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED			
ANGLES	$\pm 1^\circ$	2 PLACES	$\pm .010$
FRACTIONS	$\pm 1/32$	3 PLACES	$\pm .005$
1 PLACE	$\pm .015$	4 PLACES	$\pm .0005$
MATERIAL:	N/A		DRAWN:
FINISH:	N/A		CHECKED:
DATE:	SCALE:	NONE	
TITLE:	DWG NO:	SHEET:	REV:
BISTABLE SHUTTER ASSEMBLY	A1048	1 of 1	

Brandstrom
Instruments