



PROPRIETARY DOCUMENT
SIMPLIFIED DRAWING
SEE NOTE 7

NOTES:

1. PRODUCT TYPE: BISTABLE SHUTTER.
2. OPERATION: SHOWN MAGNETICALLY LATCHED IN POSITION #1, SHUTTER SHALL ROTATE $50^\circ \pm 2$ CW AND LATCH IN POSITION #2 WHEN SUBJECTED TO A 50ms PULSE AT 3.3 VDC. SHUTTER SHALL RETURN TO POSITION #1 AND LATCH WHEN SUBJECTED TO A REVERSE POLARITY PULSE OF EQUAL MAGNITUDE.
3. COIL RESISTANCE: 7.3 OHMS $\pm 4\%$ @ 25°C . LEADS SHALL BE RED (+) BLACK (-) TEFLON INSULATED WIRE PER M16878 TYPE 30 ET 4.5" LONG MINIMUM AND STRIPPED $1/4" \pm 1/8"$ BOTH ENDS.
4. POLARITY: CW / RED (+) BLK (-) , CCW / RED (-) BLK (+).
5. BLACK ANODIZE SHUTTER AND HOUSING.
6. PROPRIETARY LOW OUTGASSING TECHNIQUES TO BE USED.
7. THIS DRAWING PROVIDES GENERAL PRODUCT INFORMATION. FOR COMPLETE TECHNICAL DETAILS PLEASE CONTACT US AT (203) 544-9341 OR VIA EMAIL AT SALES@BRANDSTROMINSTRUMENTS.COM.

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DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED		Brandstrom Instruments	
ANGLES	$\pm 1^\circ$		
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	APPROVED:	
TITLE:	BISTABLE SHUTTER	DWG NO:	A1071
		SHEET:	1 OF 1