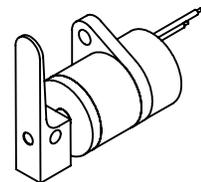


PROPRIETARY DOCUMENT
SIMPLIFIED DRAWING

SEE NOTE 6

NOTES:

1. PRODUCT TYPE: BISTABLE SHUTTER.
2. OPERATION: SHOWN MAGNETICALLY LATCHED IN POSITION #1, SHUTTER SHALL ROTATE $45 \pm 2^\circ$ CCW AND LATCH IN POSITION #2 WHEN SUBJECTED TO A 50 MILLISECOND PULSE AT $7.5 \pm 5\%$ VDC. SHUTTER SHALL RETURN TO POSITION #1 AND LATCH WHEN SUBJECTED TO A REVERSE POLARITY PULSE OF EQUAL MAGNITUDE.
3. COIL: RESISTANCE SHALL BE $40 \text{ OHMS} \pm 5\%$ @ 25°C . LEADS SHALL BE RED AND BLACK TEFLON INSULATED WIRE PER M16878 TYPE 30 ET. LEAD LENGTH TO BE 12", STRIPPED AND TINNED $1/8" \pm 1/16"$ AT BOTH ENDS.
4. POLARITY: CCW / RED (+) BLK (-) , CW / RED (-) BLK (+).
5. BLACK ANODIZE HOUSING.
6. ELECTROLESS NICKEL PLATE SHUTTER.
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	$\pm 1^\circ$	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	APPROVED:		
TITLE:	BISTABLE SHUTTER		DWG NO:	SHEET:	REV:
			A1045	1 of 1	