



PROPRIETARY DOCUMENT
SIMPLIFIED DRAWING
 SEE NOTE 6

NOTES:

1. PRODUCT TYPE: BISTABLE SHUTTER.
2. OPERATION: SHOWN MAGNETICALLY LATCHED IN POSITION #1, SHUTTER SHALL ROTATE $29^{\circ} \pm 2^{\circ}$ CCW AND LATCH IN POSITION #2 WHEN SUBJECTED TO A 50 MILLISECOND PULSE AT 24 VDC. SHUTTER SHALL RETURN TO POSITION #1 AND LATCH WHEN SUBJECTED TO A REVERSE POLARITY PULSE OF EQUAL MAGNITUDE.
3. COIL: RESISTANCE SHALL BE 750 OHMS $\pm 10\%$ @ 25 °C. LEADS SHALL BE RED AND BLACK TEFLON INSULATED WIRE PER M16878 TYPE 30 ET. LEAD LENGTH TO BE 12" MINIMUM AND STRIPPED $1/4" \pm 1/8"$ AT BOTH ENDS.
4. POLARITY: CCW / RED (+) BLK (-), CW / 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.

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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	
FINISH:	N/A	
DATE:	SCALE:	NONE
TITLE:	BISTABLE SHUTTER	
DRAWN:	CHECKED:	APPROVED:
DWG NO:	A1031	SHEET:
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