



PROPRIETARY DOCUMENT
SIMPLIFIED DRAWING
 SEE NOTE 6

NOTES:

1. PRODUCT TYPE: SELF RESTORING SHUTTER.
2. OPERATION: SHOWN DE-ENERGIZED IN POSITION #1, THE SHUTTER SHALL ROTATE $45^\circ \pm 2^\circ$ CCW TO POSITION #2 WHEN ENERGIZED AT 5 VDC AND RETURN TO POSITION #1 WHEN VOLTAGE IS EITHER REMOVED OR DROPS BELOW .5VDC.
3. PULL IN VOLTAGE ACCEPTANCE TEST @ 25°C : 4 VDC.
4. COIL RESISTANCE: 50 OHMS $\pm 10\%$ @ 25°C . LEADS SHALL BE RED (+) BLACK (-) TEFLON INSULATED WIRE PER M16878 TYPE 32 ET. LEAD LENGTH SHALL BE 2.5" LONG MINIMUM AND STRIPPED $1/4" \pm 1/8"$ AT BOTH ENDS.
5. ALUMINUM SHUTTER AND HOUSING SHALL BE BLACK ANODIZED. SHUTTER SHALL ALSO BE PAINTED WITH FED STD 595, #37038 FLAT BLACK.
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	$\pm 1^\circ$	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:	SHUTTER ASSEMBLY		DWG NO: A1012
			SHEET: 1 OF 1