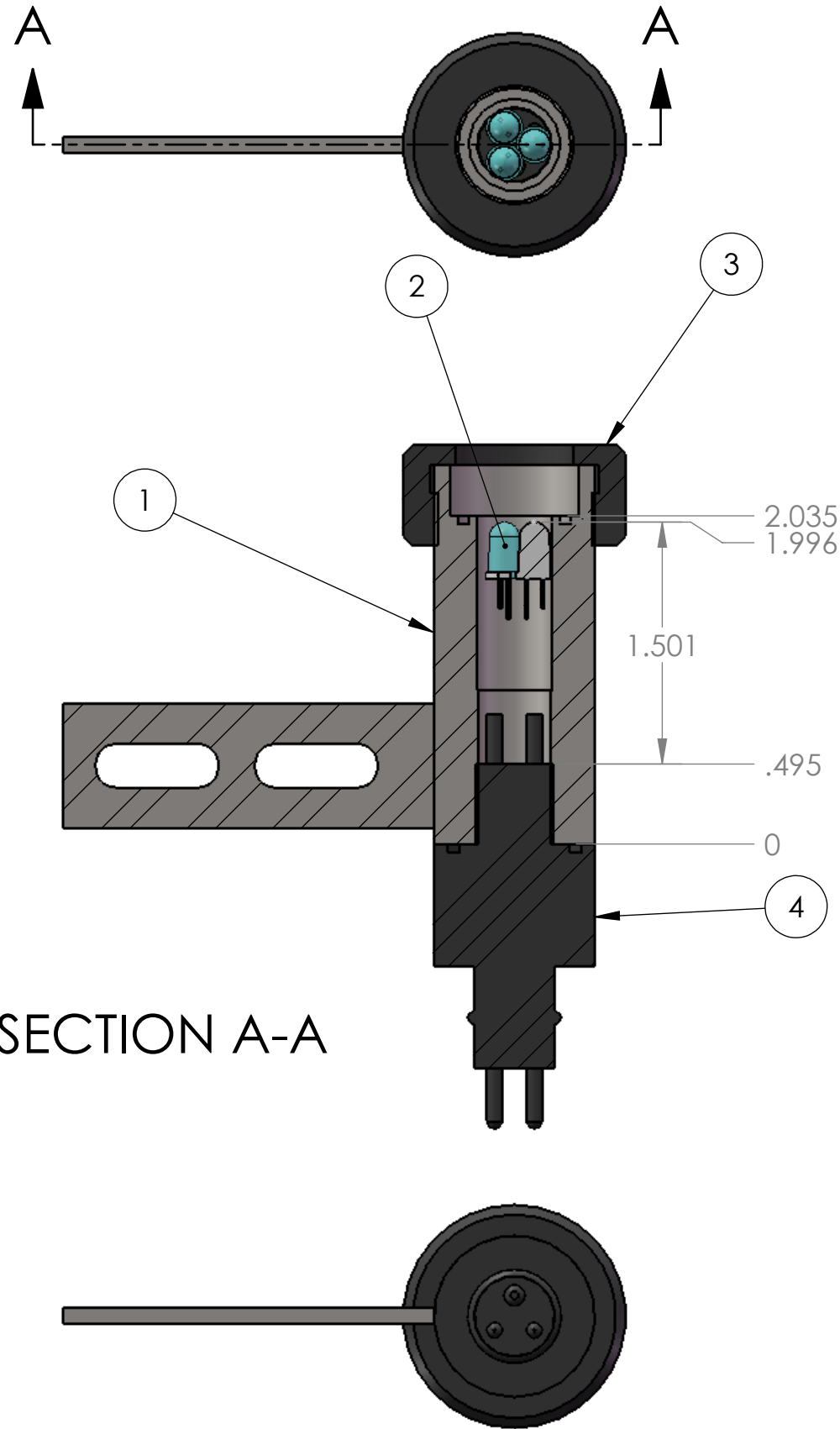


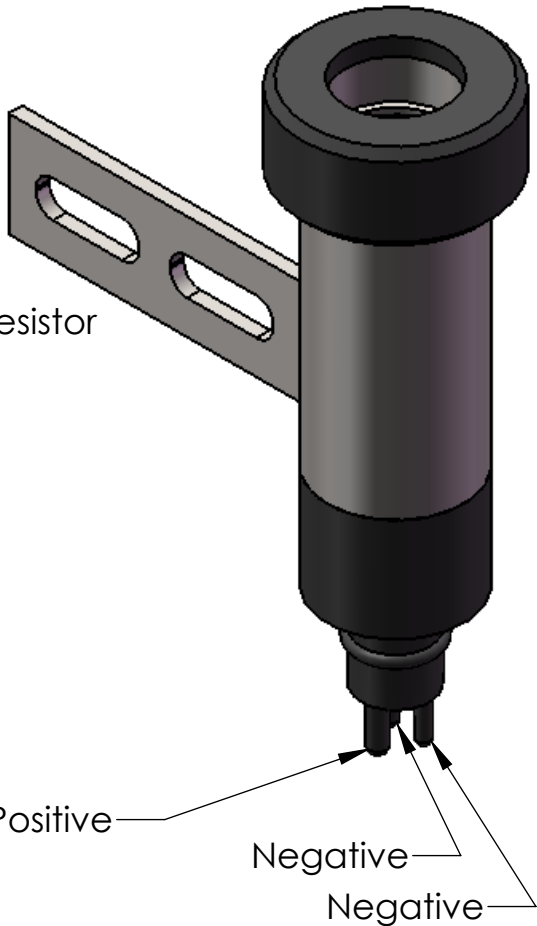
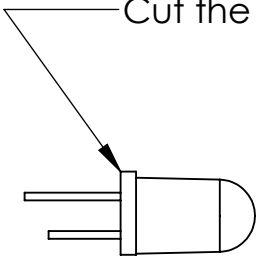
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



Assembly notes:
wire 3 LEDs in series with 125 Ohm 1/2W to 3/4W Resistor
and solder to terminals with 26-28 AWG wire
Polarity as shown

LED: SLX-LX5093UWC/C, Through Hole White
T-1 3/4; 1.33lm 8000K Water Clear

Cut the rim of the LEDs in order to fit the housing



SECTION A-A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	901027-200 - LED Housing		1
2	LED 5 mm-White-SLX-LX5093UWC		3
3	901027-201 - LED Housing Closure		1
4	901027-203 - LED Housing Connector		1

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				INITIAL RELEASE rev 1		DATE 6/1/2011		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
Inspector	1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Klimov		XX					
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				ENGINEER Klimov		LAST UPDATE 10/09/2013					
Engineer					CHECKED		DRAWING NAME and FILE NAME 901027-AS20 - LED Light					
NEXT ASSY Description	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				PROJECT NO. 901027		SIZE B DWG. NO. 901027-AS20					
Application	DO NOT SCALE DRAWING				PROJECT SES		REV. 2					
					SCALE 1:1		SHEET 1 OF 1					