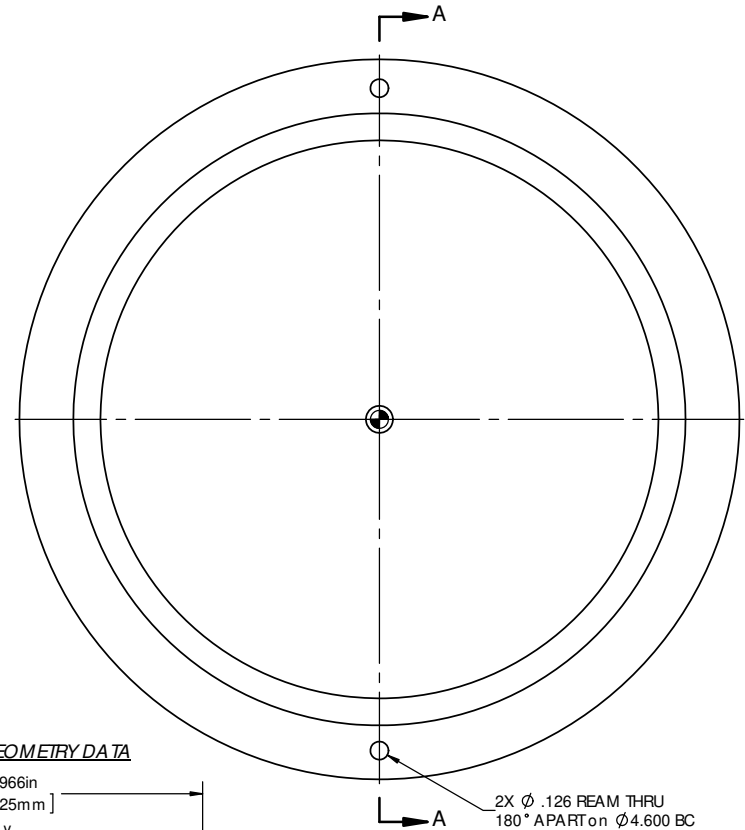
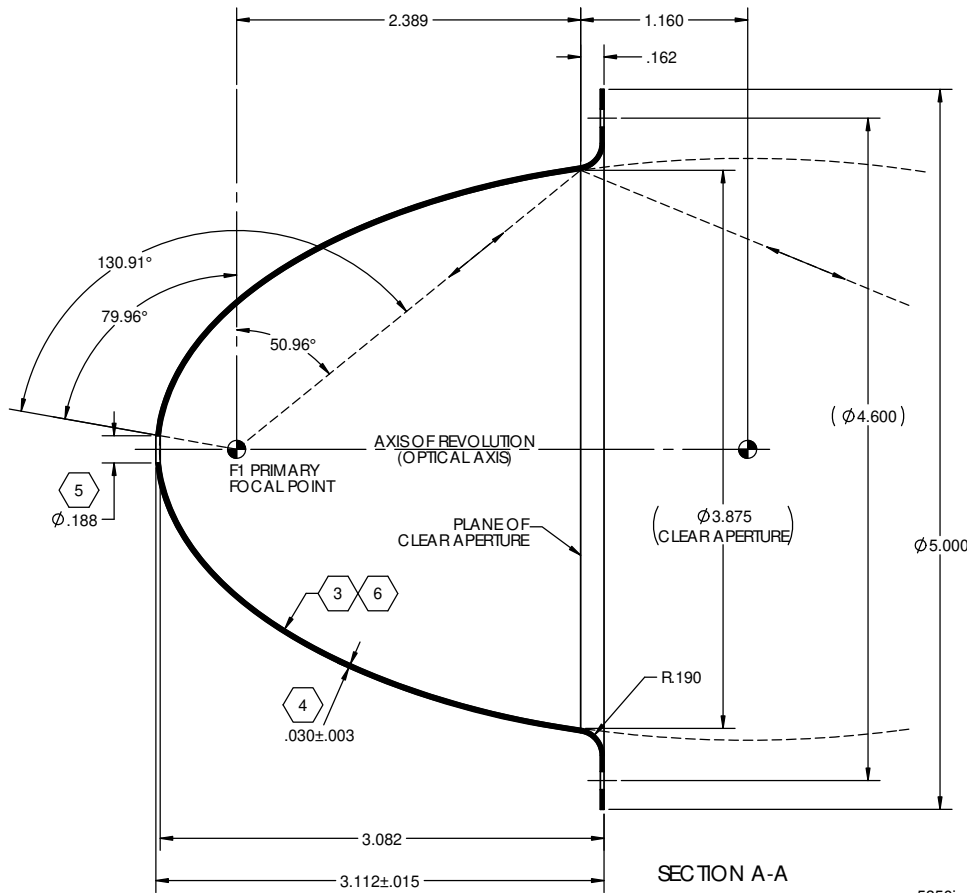


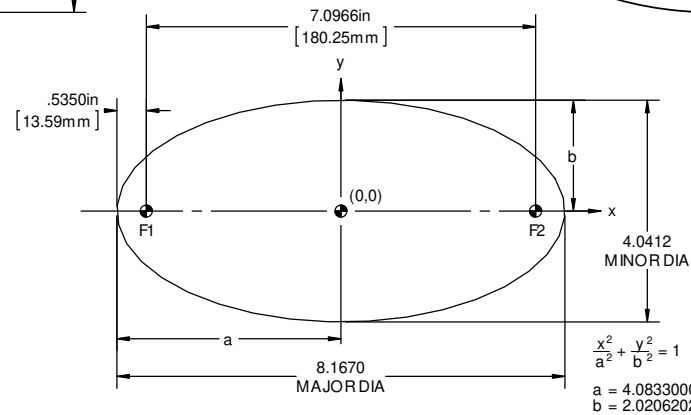
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	INITIAL SOLIDWORKS DRAWING RELEASE	04/17/12	JEH

NOTES: UNLESS OTHERWISE SPECIFIED

- SPECIFICATION CONTROL DRAWING.
- DEBURR SHARP EDGES .015 MAX.



**ELLIPSOID GEOMETRY DATA**



TOTAL PLATED SURFACE AREA: 0.2673 S.F.

- REFLECTOR TO BE REPLICATED FROM SPECIFIED MASTER TOOL EXHIBITING REQUIRED ELLIPTICAL GEOMETRY AND SPECULAR SURFACE FINISH OF 80-50 SCRATCH-DIG PER MIL-0-13830A.
- NOMINAL THICKNESS MAY VARY ±.008 WITHIN .25 OF EDGES
- VERTEX HOLE OPENING IS PREFERRED REGISTRATION FEATURE FOR AXIAL ALIGNMENT OF REFLECTOR. PLANE OF CLEAR APERTURE NOT RECOMMENDED FOR THIS PURPOSE.
- FINAL REFLECTIVE SURFACE CONDITION WITH AVAILABLE REFLECTIVITY ENHANCEMENT COATINGS DEFINED AS FOLLOWS (ADD DESIGNATED SUFFIX TO P/N)

- RH ELECTRO-DEPOSITED BRIGHT RHODIUM
- AQ VACUUM DEPOSITED ALUMINUM WITH SiO<sub>2</sub> (QUARTZ)
- AF VACUUM DEPOSITED ALUMINUM WITH MgF<sub>2</sub> (MAGNESIUM FLUORIDE)
- DCC DICHROIC COAT COATING - SPECIFY WAVELENGTH REGION
- SP OTHER SPECIAL COATINGS AS SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ± 1/16 ± .005 ± .005		✓ ANGLES ± 1/2°
MATERIAL	ELECTROFORMED NICKEL - LSN TYPE 1	
FINISH	NOTE 3, 6	
NEXT ASSY	USED ON	
APPLICATION		-DO NOT SCALE DRAWING-

CONTRACT NO.		04-E180
APPROVALS	DATE	
DRAWN	JEH	04/19/12
CHECKED		
ENGR	KMT	04/19/12
DESIGN ACTIVITY		

		42310 WINCHESTER RD. TEMECULA, CA 92590 WWW.OPTIFORMS.COM	
<b>REFLECTOR, ELLIPTICAL</b>			
7.10"/180mm (F1-F2)			
SIZE	CAGE CODE	DWG. NO.	REV
C	0Y1Y4	E180-0100	0
SCALE	CAD NO.	SHEET	
1.5:1	E180	1 OF 1	