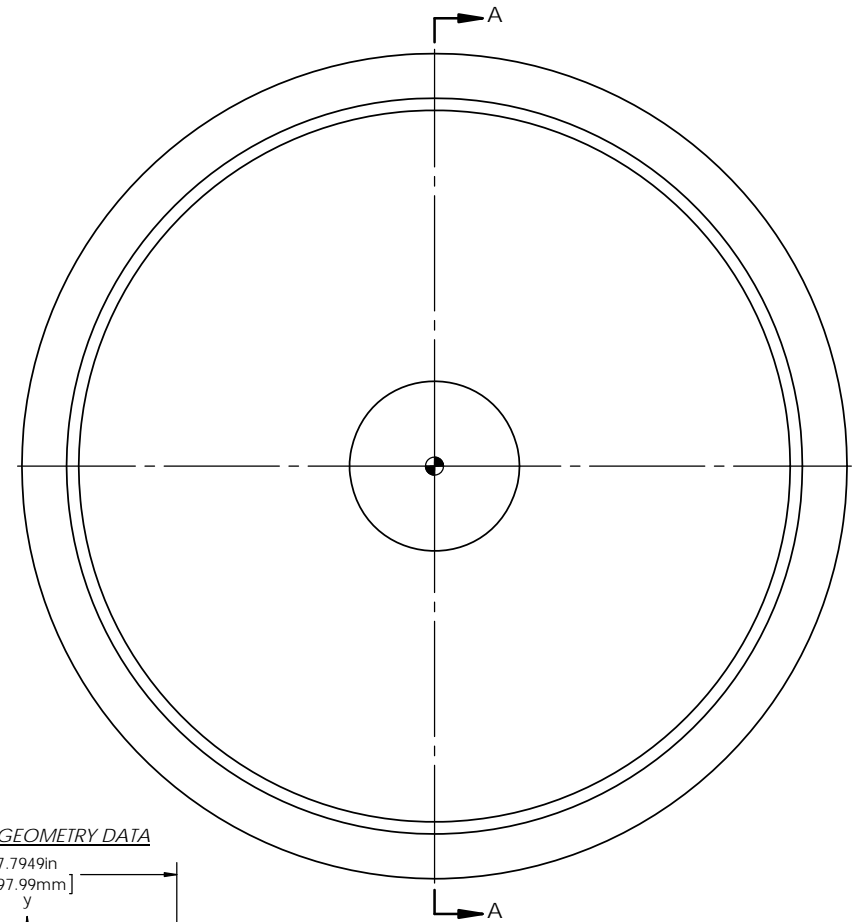
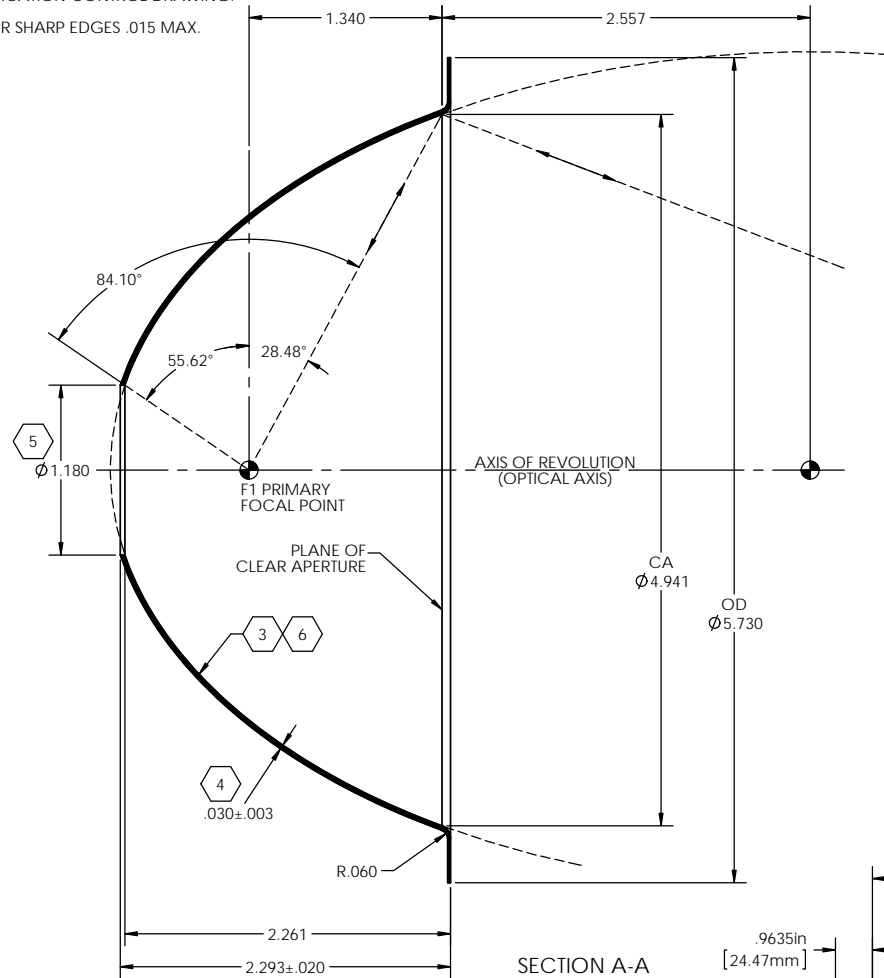


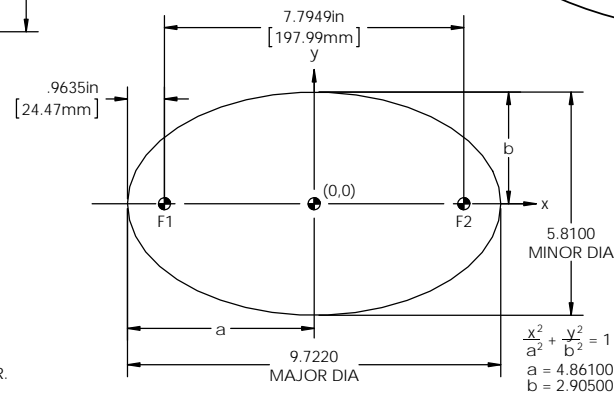
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
Ø	INITIAL SOLIDWORKS DRAWING RELEASE	04/17/12	JEH

NOTES: UNLESS OTHERWISE SPECIFIED

1. SPECIFICATION CONTROL DRAWING.
2. DEBURR SHARP EDGES .015 MAX.



ELLIPSOID GEOMETRY DATA



TOTAL PLATED SURFACE AREA: 0.2681 S.F.

- 3 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.
- 4 NOMINAL THICKNESS MAY VARY ±.008 WITHIN .25 OF EDGES.
- 5 VERTEX HOLE OPENING IS PREFERRED REGISTRATION FEATURE FOR AXIAL ALIGNMENT OF REFLECTOR. PLANE OF CLEAR APERTURE NOT RECOMMENDED FOR THIS PURPOSE.
- 6 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 SiO₂ (QUARTZ)
- AF VACUUM DEPOSITED ALUMINUM WITH MgF₂ (MAGNESIUM FLUORIDE)
- DCC DICHROIC GOLD COATING - SPECIFY WAVELENGTH REGION
- SP OTHER SPECIAL COATINGS AS SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	✓ ANGLES ± 1/2°
FRACTIONS ± 1/16	DECIMALS .XX ± .003 .XXX ± .005
MATERIAL	ELECTROFORMED NICKEL - LSSN TYPE 1
FINISH	NOTE 3, 6
NEXT ASSY	USED ON
APPLICATION	-DO NOT SCALE DRAWING-

CONTRACT NO.		07-E198	
APPROVALS		DATE	
DRAWN	JEH	04/19/12	
CHECKED			
ENGR	KMT	04/19/12	
DESIGN ACTIVITY			

optiforms 42310 WINCHESTER RD. TEMECULA, CA 92590 WWW.OPTIFORMS.COM

REFLECTOR, ELLIPTICAL
7.7949"/198mm (F1-F2)

SIZE	CAGE CODE	DWG. NO.	REV
C	0Y1Y4	E198-0100	Ø
SCALE	CAD NO.	E198	SHEET 1 OF 1
1.5:1			