25.4 mm
1 inch

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	BASELINE RELEASE	4/22/97	
B	CHANGED THICKNESS TO 2.0	6/23/97	

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: MAGNESIUM FLUORIDE (V U V GRADE WITH NO INCLUSIONS, BUBBLES OR SEEDS).

2. FINISH: OPTICAL POLISH SURFACES A & B TO 20/10 SCRATCH DIG. SLEAKING TO BE ELIMINATED, AND FLATNESS TO BE 4 FRINGES OR BETTER AT NaD EMISSION LINE.

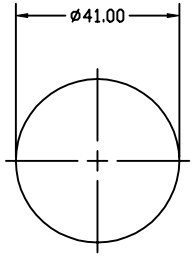
3. MATERIAL CERTIFICATION REQUIRED

4. IDENTIFY BY BAGGING AND TAGGING

5. PROVIDE LOT TRACEABILITY AND CERTIFICATION OF COMPLIANCE WITH DELIVERED PARTS

6. VEHICLE USED FOR FINAL POLISH TO SPECIFIED FINISH OTHER THAN EYTHLENE GLYCOL IS TO BE REPORTED.

7. ORIENT MATERIAL OPTICAL AXIS PERPENDICULAR TO WINDOW FACE



ITEM#	QTY	PART NUMBER	NOMENCLATURE	MATERIAL SPECIFICATION
1	A/R		MAGNESIUM FLUORIDE (MgF2)	

TOLERANCES (EXCEPT AS SPECIFIED)		
OVER	TO	TOLERANCE
0	49.99	±0.1
50	249.9	±0.5
250	-	±1
ANGLES		±1°

SURFACE FINISH √

SURFACE TREATMENT SEE NOTES

MASS 12.6g

DO NOT SCALE DRAWING
METRIC DRAWING
(UNITS: mm)

INTERPRET PER ANSI Y14.5-1994
WELDING SYMBOLS PER ANSI/AWS A2.4-79

APPROVALS	DATE
DRAWN K. KROMER	4/22/97
CHECKED	
ISSUED	

Space Sciences Laboratory
UNIVERSITY OF CALIFORNIA, BERKELEY, USA

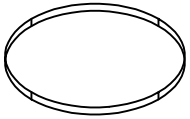
DWG TITLE
WINDOW
FUV SI DETECTOR

SIZE	PROGRAM	DWG. NO.	REV
A	IMAGE	8045-A4	B

SCALE FULL SHEET 1 OF 1

25.4 mm
1 inch

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



SIZE	PROGRAM	DWG. NO.	REV
A			

SCALE SHEET