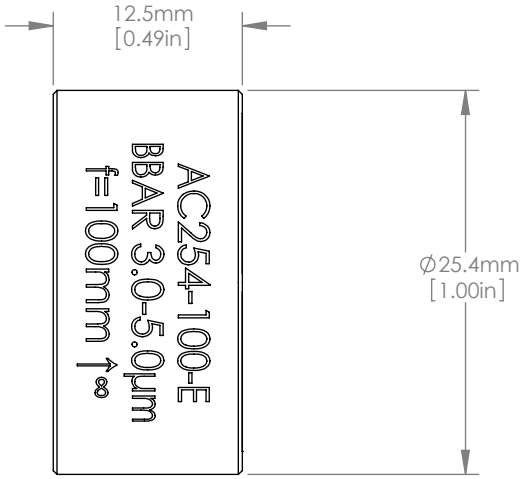
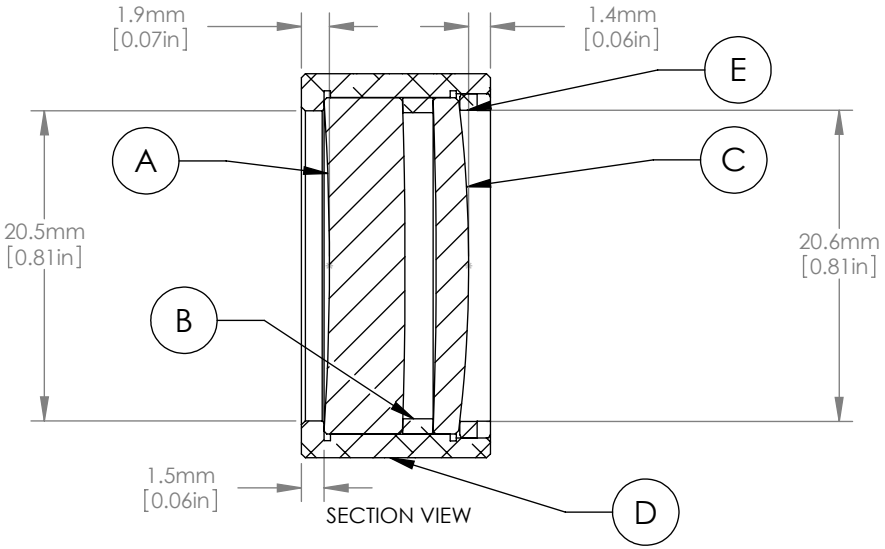
PART	DESCRIPTION	MATERIAL
A	LENS	GERMANIUM
B	SPACER	6061 T6 ALUMINUM
C	LENS	SILICON
D	HOUSING	6061 T6 AIUMINUM
E	RETAINING RING	6061 T6 ALUMINUM



ISOMETRIC VIEW FOR REFERENCE ONLY
1:1 SCALE





SPECIFICATIONS:
1. CLEAR APERTURE: >80% OF DIAMETER
2. FOCAL LENGTH: 100mm ±1.0% AT 4µm
3. CENTRATION: <3 arcmin
4. RMS WFE: <λ/10 AT 4µm
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. DIMENSION TOLERANCE: +0.00/-0.10
7. BBAR COATING Ravg<1.5% at 0° AOI, 3-5µm ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	MG	02/JAN/11
APPROVAL	PM	10/FEB/11

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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MIR ACHROMATIC DOUBLET,
f=100mm, BBAR 3.0-5.0µm

MATERIAL	REV
SEE TABLE	A

ITEM #	APPROX WEIGHT
AC254-100-E	0.05 kg