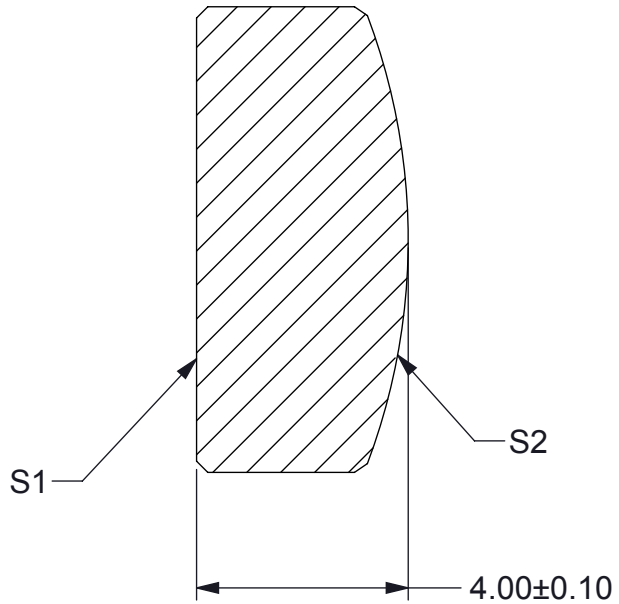
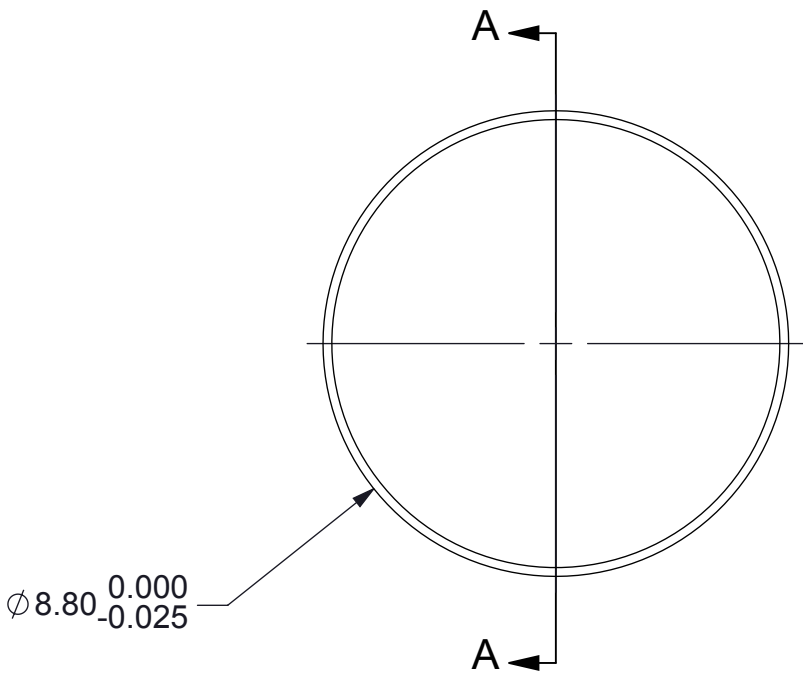


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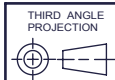
1. MANUFACTURE PER MIL-PRF-13830B.
2. SURFACE QUALITY: SCRATCH AND DIG 80-50
3. BEVEL EDGES AT 45° TO 0.3 MM MAX FACE WIDTH.
4. MEASURE ALL FRINGES BEFORE COATING.
5. HIGH EFFICIENCY AR COATING ON S1 AND S2:  
AVERAGE REFLECTANCE <1.5% FROM 900 - 1700NM AT NORMAL INCIDENCE +/-20DEG.  
HARDNESS, HUMIDITY, AND ADHERENCE TESTS PER MIL-M-13508 IN THAT SEQUENCE  
ON A PART OF WITNESS SAMPLE OF THE SAME GLASS TYPE.
6. FINE GRIND OUTSIDE SURFACE
7. MATERIAL PER MIL-G-174
8. SURFACE ROUGHNESS: 50 ANGSTROM RMS MAX
9. APPLY THE FOLLOWING MARKING TO CONTAINER AND / OR TAG: DRAWING NO, AND REV.
10. WEDGE TOLERANCE (ETD) LESS THAN OR EQUAL TO 0.05MM.
11. REF ZEMAX FILE - mobile\_spectro\_p2TRP\_spherical\_fullsystem\_FINAL\_TOL.ZMX




## SECTION A-A

	RADIUS	RAD TOL	IRR TOL	C.A. DIA
S1	PLANO	1 FR	1 FR	7.3 MM
S2	12.000 CX	+/- 0.024 MM	1 FR	7.3 MM

MATERIAL	Nd	Vd
OHARA S-LAM66 NO SUBSTITUTIONS	1.800999 +/-0.001	34.97 +/- 0.28



		<b>UNLESS OTHERWISE SPECIFIED</b> <ul style="list-style-type: none"><li>● DIMENSIONS ARE IN MILLIMETERS</li><li>● TOLERANCES: ANGLES ±1° 2 PLACE DECIMALS ±0.25 1 PLACE DECIMALS ±0.50</li><li>● DIMENSIONAL LIMITS APPLY BEFORE PROCESSES</li><li>● INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994</li><li>● REMOVE ALL BURRS AND SHARP EDGES</li><li>● PARENTHETICAL INFO FOR REF ONLY</li></ul>	DWN R ROWE	DATE 4/9/2014	 TEXAS INSTRUMENTS		
			Engr G. PERRELLA	4/9/2014	LENS 5		
			CQE/QA				
			CM				
2513880				SIZE B	DWG NO 2513915	REV B	
NEXT ASSY	USED ON		Apprvd	SCALE 7:1		SHEET 1 OF 1	
APPLICATION							