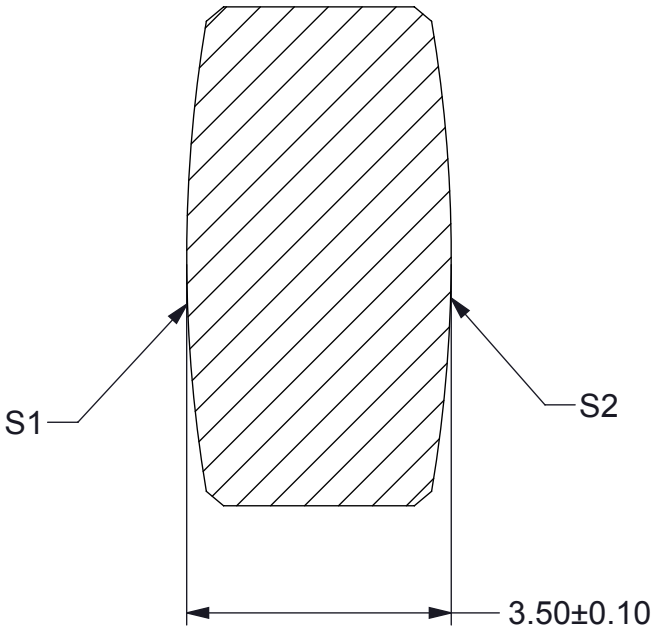
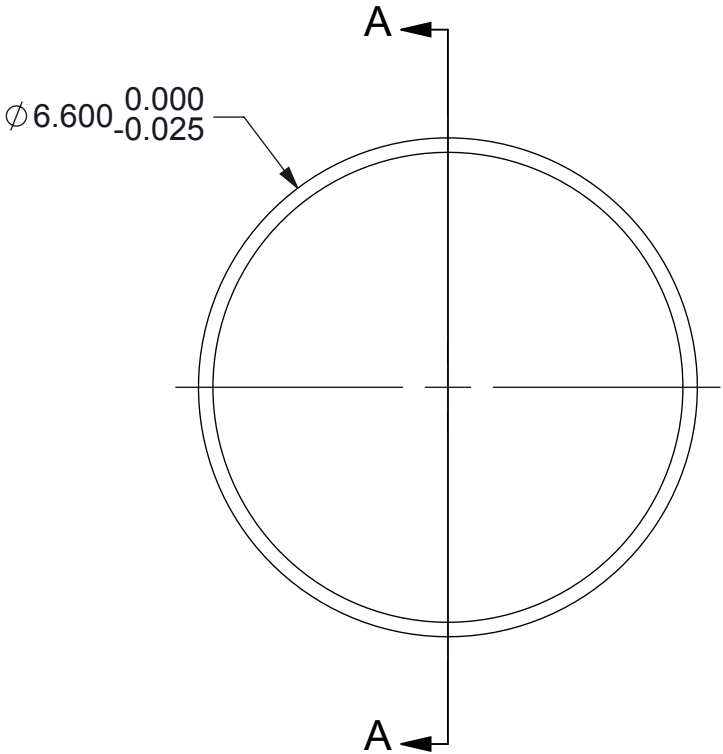


NOTES: UNLESS OTHERWISE SPECIFIED:

© COPYRIGHT 2014 TEXAS INSTRUMENTS
UNPUBLISHED, ALL RIGHTS RESERVED

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	INITIAL DRAWING RELEASE	4/9/2014	GP

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	18.723 CX	+/- 0.037 MM	1 FR	5.1 MM
S2	18.723 CX	+/- 0.037 MM	1 FR	5.1 MM

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



2513880	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED

- DIMENSIONS ARE IN MILLIMETERS
- TOLERANCES: ANGLES ±1°
2 PLACE DECIMALS ±0.25
1 PLACE DECIMALS ±0.50
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- INTERPRET DIMENSIONS IN ACCORDANCE WITH ASME Y14.5M-1994
- REMOVE ALL BURRS AND SHARP EDGES
- PARENTHETICAL INFO FOR REF ONLY

DWN R ROWE	DATE 4/9/2014
Engr G. PERRELLA	4/9/2014
CQE/QA	
CM	
Apprvd	

TEXAS INSTRUMENTS		SIZE B		DWG NO 2513912	REV A
		SCALE 10:1		SHEET 1 OF 1	