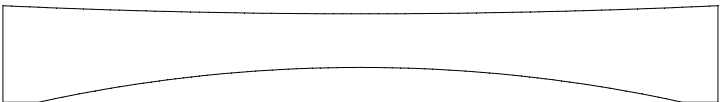


RADIUS	RAD TOL	IRR TOL	C. A. DIA	EDGE DIA	MATERIAL	THICK	THI TOL
1105.89 CC	0.10%	0.5 FR	86.00	100.00	SILICA	7.50	0.075
210.64 CC	0.10%	0.5 FR	87.00				

1. ALL DIMENSIONS IN MILLIMETERS
2. MATERIAL: FUSED SILICA, TO BE SUPPLIED BY VENDOR.
3. UNLESS OTHERWISE SPECIFIED, MIL-PRF-13830 APPLIES.
4. FRONT AND REAR SURFACES POLISHED, ALL OTHER SURFACES FINE GROUND UNLESS NOTED.
5. SURFACE SHAPES: ALL SPHERICAL WITHIN +/- 0.5 FRINGE (HENE 633NM) CYLINDER, ANNULAR ZONES, ETC, DOCUMENT AND REPORT FINAL FIGURE.
6. RADII TOLERANCES: TO WITHIN +/- 0.10% UNLESS OTHERWISE NOTED.
7. NO CONTACT SURFACES FOR THIS ELEMENT.
8. SURFACE FINISH: MICRORIPPLE 1 NM RMS OR BETTER, REPORT AND DOCUMENT MEASURED VALUES.
9. SURFACE QUALITY: 60-40.
10. O.D. AND A.T.: +/- 0.10 MM UNLESS OTHERWISE NOTED, REPORT TO +/- 0.025 MM.
11. CENTER/EDGE/FACE FLAT: +/- 0.013 MM MAXIMUM ROUNDT, REPORT MEASURED VALUE.
12. BEVELS: 1.0 MM FACE WIDTH AT 45 DEGREES.
13. GROUND SURFACES: 400 GRIT EQUIVALENT OR FINER.
14. FACE FLAT RIGHT CONCAVE SURFACE WITH 90 MM APERTURE.
15. MAKE TWO.



20.00 MM

TITLE			
PFS BENCH SPECTROGRAPH ELEMENT PFS6			
DATE	SCALE	DRAWN	APPRV
MAR 7 2005	1:1	J. CRANE	S. SHECTMAN
PROJECT			
PLANET FINDER SPECTROGRAPH			
DRAWING		REVISION	
PFS6		1	