

RADIUS	RAD TOL	IRR TOL	C. R. DIA	EDGE DIA	MATERIAL	THICK	THI TOL
986.77 CX	0.10%	0.5 FR	174.00	184.00	S-FPLS1	30.00	0.075
396.24 CX	0.10%	0.5 FR	175.00				

- ALL DIMENSIONS IN MILLIMETERS
- MATERIAL: S-FPLS1. TO BE SUPPLIED BY CUSTOMER AS R 187.0 MM D X 33.0 MM THK PLANO-PLANO DISK.
- UNLESS OTHERWISE SPECIFIED, MIL-PRF-13830 APPLIES.
- FRONT AND REAR SURFACES POLISHED. ALL OTHER SURFACES FINE GROUND UNLESS NOTED.
- SURFACE SHAPES: ALL SPHERICAL WITHIN +/- 0.5 FRINGE (HENE 633NM) CYLINDER, ANNULAR ZONES, ETC. DOCUMENT AND REPORT FINAL FIGURE.
- RADII TOLERANCES: TO WITHIN +/- 0.10% UNLESS OTHERWISE NOTED.
- NO CONTACT SURFACES FOR THIS ELEMENT.
- SURFACE FINISH: MICRORIPPLE 1 NM RMS OR BETTER. REPORT AND DOCUMENT MEASURED VALUES.
- SURFACE QUALITY: 60-40.
- O.D. AND A.T.: +/- 0.075 MM UNLESS OTHERWISE NOTED. REPORT TO +/- 0.010 MM.
- CENTER/EDGE/FACE FLAT: +/- 0.013 MM MAXIMUM ROUNDT. REPORT MEASURED VALUE.
- BEVELS: 1.0 MM FACE WIDTH AT 45 DEGREES.
- GROUND SURFACES: 400 GRIT EQUIVALENT OR FINER.



40.00 MM

TITLE			
PFS BENCH SPECTROGRAPH ELEMENT PFS5			
DATE	SCALE	DRAWN	APPRV
MAR 7 2005	1:2	J. CRANE	S. SHECTMAN
PROJECT			
PLANET FINDER SPECTROGRAPH			
DRAWING		REVISION	
PFS5		1	