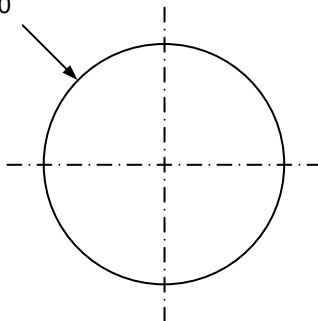
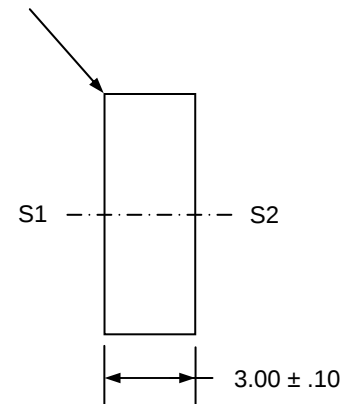


SURFACE DATA TABLE									REVISIONS			
SURFACE	RADIUS	TOL.	CCV	CVX	POWER	IRR	SCR/DIG	CA	REV	DESCRIPTION	DATE	APPROVED
S1	PLANO	1/2 fr P-V					60-40	5.9	A	Added to note 5	5-31-2013	BT
S2	PLANO	1/2 fr P-V					60-40	5.9				
S3												

Ø 7.950
+0/-0.010



DO NOT BEVEL



NOTES:

1. Element per MIL-PRF-13830.
2. S1, S2 polished - other surfaces fine ground.
3. Bevel S2 only at 45° X 0.2 ± 0.1 deep. (leg)
4. Flatness and irregularity are fringes @ 633nm
5. Coat S1 with Aluminum optimized for 215 – 270nm at normal with a protective overcoat for oxidation and abrasion resistance. See back for reflectance reference scan. Measured through S2, back surface reflection.

UNLESS NOTED DIMENSIONS ARE IN MM.		PFG PRECISION OPTICS 733 BIENVILLE BLVD OCEAN SPRINGS, MS 39564		Fused Silica 7.95mm PL/PL Mirror			
TOLERANCES		Design	Date				
.XX± .XXX±		PFG	5-28-13				
Angles ± 0.5°		Checked by					
MATERIAL		Drawn by	5-28-13	SIZE	FSCM NO.	DWG NO.	REV
Corning 7980		BT		A		Mirror	A
Standard UV							
Grade 2-F							
FINISH				SCALE	4:1	File Name	SHEET