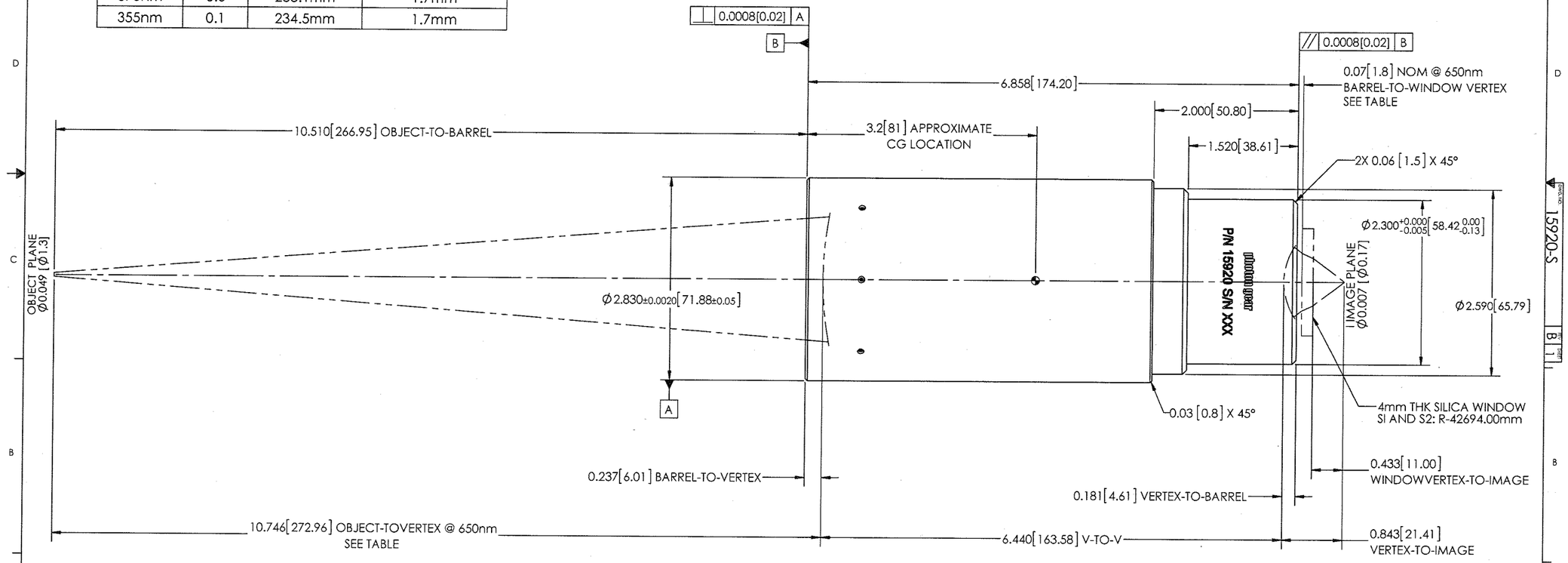
DWG. NO.	REV.	SHEET
15920-S	B	1

NOTES:
1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE FOR REFERENCE ONLY
2. DIMENSIONS IN [] ARE IN MILLIMETERS, ALL OTHER DIMENSIONS ARE IN INCHES
3. MECHANICAL COMPONENTS: ALUMINUM/OPTICAL BLACK ANODIZE, UNPLATED BRASS, BRASS/EBONAL C
4. OPERATING WAVELENGTH: 650nm, 532nm, 493.5nm, 493nm, 370nm, 355nm
5. OBJECT NA: 0.6 AND 0.1 (SEE TABLE)
6. TEST WAVELENGTH: 633nm or 532nm
7. NOMINAL TRANSMITTED NOMINAL OPD ERROR: < 0.04 λ rms @ (WORST FIELD)@ 633nm
8. PREDICTED TRANSMITTED PASS/FAIL OPD ERROR: < 0.09 λ rms @ 633nm
9. WINDOW SHOWN IN SYSTEM IS NOT MOUNTED IN ASSEMBLY, BUT IS USED DURING TESTING
10. f/0.83 (USED CONJUGATES)
11. EFL: 50.64mm (INFINITE CONJUGATES)
12. PREDICTED TRANSMISSION: ~ 80% @ 355nm
13. APPROXIMATE WEIGHT OF ASSEMBLY: 2.2LB [1.0 kg]

ZONE	REV.	DESCRIPTION	DATE	ECO	APPROVED
E7,D4	A	OFFICIAL RELEASE; UPDATE NOTE 13 2.2[1.0] WAS 2.4[1.1]; 3.2[81] WAS 3.0[77]	05/29/13		GB 05/30/13
F8	B	NOTE 12: ~80% WAS ~94%	8/8/2014	0421	[illegible] 8/8/14

ORIGINAL

λ	NA	OBJECT DISTANCE	NOM BARREL-TO-WINDOW
650nm	0.6	273.0mm	1.8mm
532nm	0.1	266.3mm	1.7mm
493.5nm	0.6	261.4mm	1.7mm
493nm	0.1	261.7mm	1.7mm
370nm	0.6	238.1mm	1.7mm
355nm	0.1	234.5mm	1.7mm



FINISH:	MATERIAL:	SIZE C	DWG. NO. 15920-S		REV. B
UOS TOLERANCES: .X ±.02, .XX ±.01, .XXX ±.005, ANGLES ±1°	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES BREAK SHARP EDGES: 0.005x45° MAX FILLET RADIUS: 0.008 DIMENSIONS APPLY AFTER FINISH SURFACE FINISH 32	PROJ. 425	TITLE: SYSTEM, LARGE ATOM IMAGER		
DO NOT SCALE DRAWING		DRAWN	NAME: BLC	DATE: 03/11/13	
THIRD ANGLE PROJECTION	INTERPRET DRAWING PER ASME Y14.5M-1994	CHECKED			
	FILE: PG-15920-S_B	ENG APPR.	CKD	03/12/13	
		MFG APPR.			

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WEIGHT: 2.36 lbs. | SHEET 1 OF 1 | SCALE: 1:1