



#### NOTES/SPECIFICATIONS:

1. BLOCKING: >OD6 OUT OF TRANSMISSION BAND
2. CLEAR APERTURE: >21mm
3. CENTER WAVELENGTH: 497nm
4. WAVELENGTH RANGE: 489-505nm
5. TRANSMISSION: >90% min
6. AOI:  $0^\circ \pm 5^\circ$
7. CONE HALF ANGLE:  $7^\circ$
8. SURFACE FLATNESS:  $\lambda/2$  BOTH SIDES
9. SURFACE QUALITY: 60-40 SCRATCH-DIG
10. PARALLELISM: <3 arcmin
11. DIAMETER TOLERANCE:  $+0/-0.1\text{mm}$
12. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
13. DIMENSIONS ARE IN  $\frac{[in]}{mm}$

	NAME	DATE
DRAWN	GG	08/12/2009
ENG APPR.	MG	09/02/2009
MFG APPR.	DD	09/03/2009

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**TITLE:** YFP EXCITATION FILTER  
CWL=497 nm, BW = 16 nm

**MATERIAL:** FUSED SILICA/ALUMINUM **SIZE** A **REV.** A

SCALE: 2:1

SHEET 1 OF 1

**DWG. NO.**  
19995-E01

**PART NO.**  
MF497-16