



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°
8. SURFACE FLATNESS: $\lambda/2$ BOTH SIDES
9. SURFACE QUALITY: 60-40 SCRATCH-DIG
10. PARALLELISM: <3 arcmin
11. DIAMETER TOLERANCE: $+0/-0.1$ mm
12. THICKNESS TOLERANCE: ± 0.1 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