



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 706.5nm, 855.0nm, & 1015.0nm
- FOCAL LENGTH: 100.0mm ± 1%
- BACK FOCAL LENGTH (REF): 91.5mm
- CLEAR APERTURE: >90%
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: <3 arcmin
- DIAMETER TOLERANCE: +0.0/-0.1mm
- THICKNESS TOLERANCE: ± 0.15mm
- COATING: BBAR Ravg <0.5% FROM 650nm-1050nm  
0° AOI, ON BOTH OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM  $\frac{[in]}{mm}$ .  
THIS DRAWING IS FOR INFORMATION ONLY  
NOT INTENDED FOR MANUFACTURING

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	NAME	DATE
DRAWN	WD	9/16/2009
ENG APPR.	MG	9/22/2009
MFG APPR.	DD	9/30/2009

TITLE: D=50.8mm, F=100.0mm,  
NEAR IR ACHROMAT, 650nm-1050nm

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MATERIAL: N-LAK22 & N-SF6HT  
SCALE: 1:1  
SHEET 1 OF 1

DWG. NO. 7421-E01  
PART NO. AC508-100-B