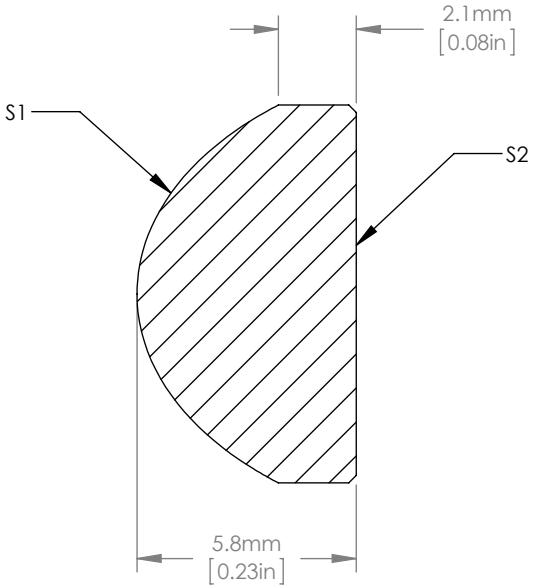
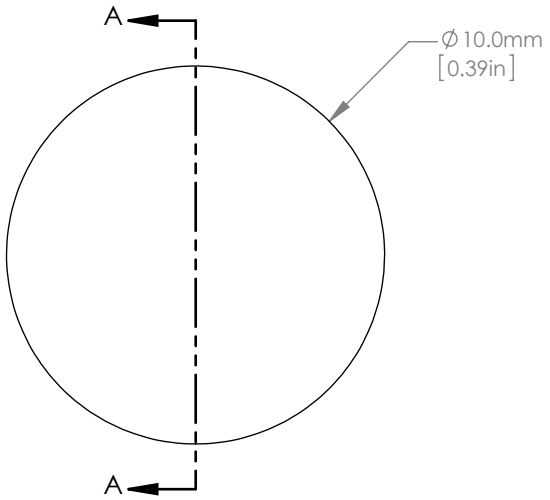
ASPHERIC COEFFICIENTS

	R	k	A_4
S1	4.185	-0.6027	2.21E-04
S2	PLANO	-	-

ASPHERIC LENS EQUATION

$$z = \frac{Y^2}{R(1+\sqrt{1-(1+k)Y^2/R^2})} + A_4 Y^4$$





NOTES/SPECIFICATIONS
1. FOCAL LENGTH: EFL= 8.0±8%
2. NUMERICAL APERTURE: 0.61
3. BACK FOCAL LENGTH (REF): 4mm
4. MAGNIFICATION: INFINITE
5. SURFACE QUALITY: 80-50 SCRATCH-DIG
6. CENTRATION: <30 arcmin
7. CLEAR APERTURE: >9.0mm
8. COATING (S1, S2): BBAR Ravg<0.5% FROM 650-1050nm
9. MAXIMUM TEMPERATURE: 250°C (482°F)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	DS	02/JAN/15
APPROVAL	DD	05/JAN/15

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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ASPHERIC CONDENSER LENS, NA=0.61, f=8mm, DW=633nm, AR COATED 650-1050nm

MATERIAL	REV
B270	A

ITEM #	APPROX WEIGHT
ACL108U-B	0.79g