	R	CC	A2	A4	A6	A8	A10	C.A.	NOTES
S1	-0.4855	-0.45	0	-5.32e-2	6.234e-1	-3.122	1.6449e1		
S2	Plano								

$$Y = \cfrac{\cfrac{1}{R}x^2}{1+\sqrt{\left(1-\cfrac{(K+1)x^2}{R^2}\right)}} + A_4 x^4 + A_6 x^6 + A_8 x^8 + A_{10} x^{10}$$

L ±0.050

1.049 ±0.030

0.802 ±0.030

S2

S1
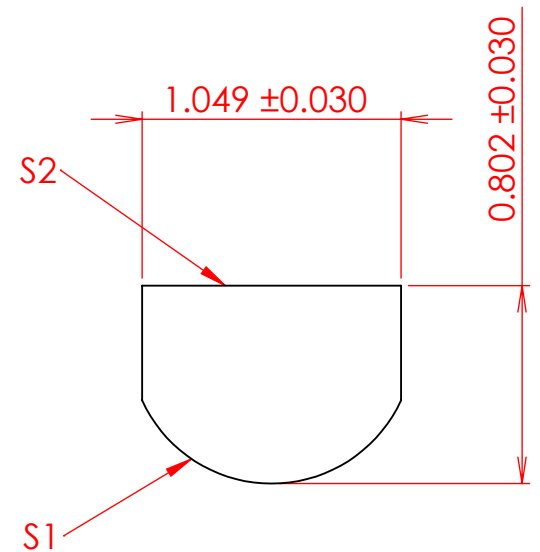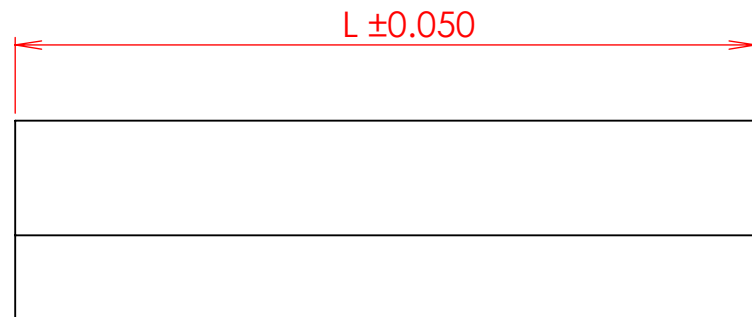
Notes:

1. Design wavelength: 808 nm
2. EFL= 0.590 mm
3. WD = 0.150 mm
4. Surface S1 and S2:
    Quality: Scr/Dig: 40-20
    Irregularity: S1: P-V =1 micron over C.A
    S2: lambda/4 over C.A

5. All the other surfaces fine ground (600 grit).

6. Centering tolerance: Tilt <0.25 deg

7. Focal length tolerance:± 3%
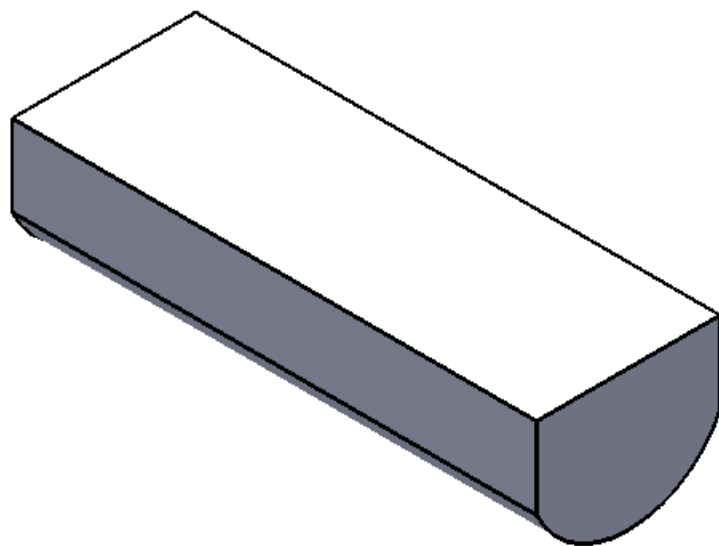
UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MM

ANGULAR: ± 0.25 deg
ONE PLACE DECIMAL   ±0.1
TWO PLACE DECIMAL   ±0.05
THREE PLACE DECIMAL ±0.005

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL
S-TiH53

FINISH

	NAME	DATE
DRAWN	J-L. Neron	31/07/2014
CHECKED	M.Vukeljic	
ENG APPR.		
MFG APPR.		
Q.A.		

Third angle projection:

DO NOT SCALE DRAWING

doric

357 rue Franquet, Quebec,QC
G1P 4N7,Canada,Tel:418 877 5600

TITLE:

ACL_PCX_INF_S-TIH53_0.590(L)

SIZE **B**

DWG. NO. D141-0362

REV 01

SCALE: 10:1   WEIGHT: SHEET 1 OF 1