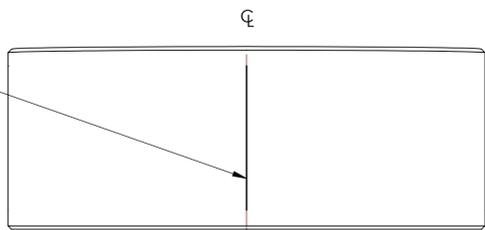


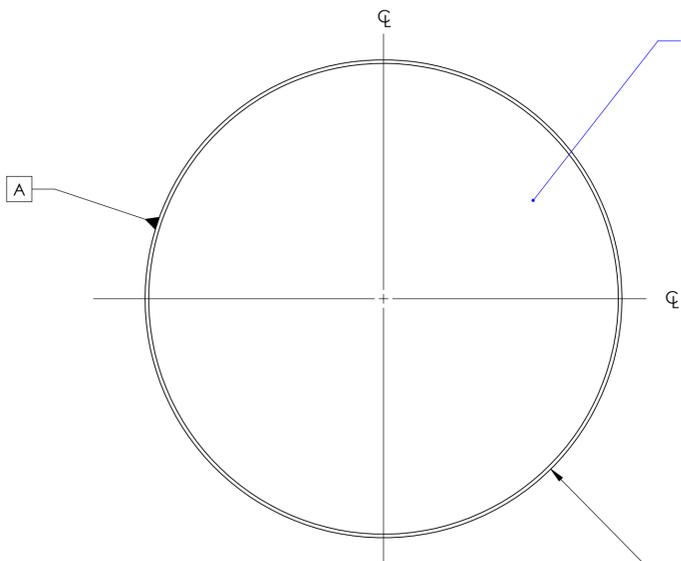
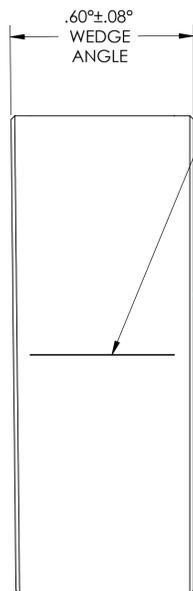
REV.	DATE	DCN #	DRAWING TREE #
v1	11th Nov 2008	E080530-00-D	
v2	20th Feb 2009	LIGO E0900046-v1	
v3	28 MAY 2010	E1000188	

ETCH OR GRIND REGISTRATION MARKS
0.25mm ± 0.05mm WIDE x
80mm ± 3mm LONG MINIMUM LEGIBLE
DEPTH LINE ALONG ϕ , CENTERED
BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
TO THE CYLINDRICAL AXIS
(DEFINED BY DATUM FEATURE -A-)
WITHIN ± 0.1mm AND
180° FROM SCRIBE LINE AT LOCATION OF
MINIMUM PART THICKNESS.



TOP VIEW

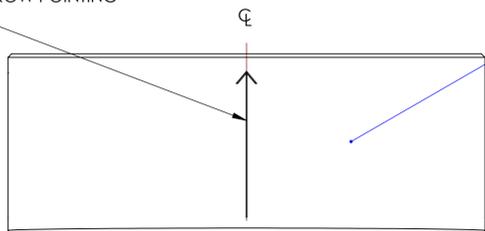
ETCH OR GRIND REGISTRATION MARKS
0.25mm ± 0.05mm WIDE x
80mm ± 3mm LONG MINIMUM LEGIBLE
DEPTH LINE ALONG ϕ , CENTERED
BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
TO THE CYLINDRICAL AXIS
(DEFINED BY DATUM FEATURE -A-)
WITHIN ± 0.1mm AND
90° FROM SCRIBE LINE AT LOCATION OF
MINIMUM PART THICKNESS.



POLISH SURFACE 'S1'
(SEE NOTE 4)

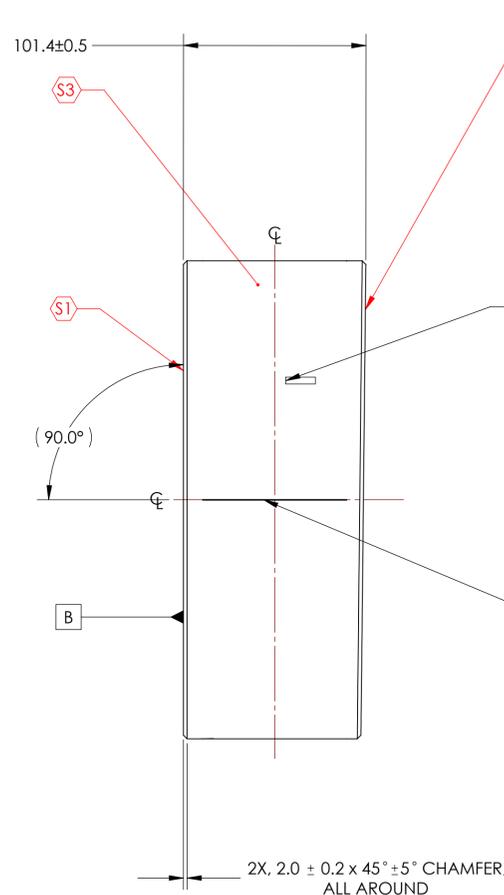
ϕ 265.00 ± 0.25	0.1	B
	0.18	

ETCH OR GRIND REGISTRATION MARKS
0.25mm ± 0.05mm WIDE x
80mm ± 3mm LONG MINIMUM LEGIBLE
DEPTH LINE ALONG ϕ , CENTERED
BETWEEN SURFACES 'S1' AND 'S2' AT
LOCATION OF MINIMUM PART THICKNESS
WITHIN ± 1° CLOCKING ANGLE
(WITH RESPECT TO DATUM FEATURE -A-),
AND PARALLEL TO THE CYLINDRICAL AXIS
(DEFINED BY DATUM FEATURE -A-)
WITHIN ± 0.1mm, WITH ARROW POINTING
TO SURFACE 'S1'.



BOTTOM VIEW

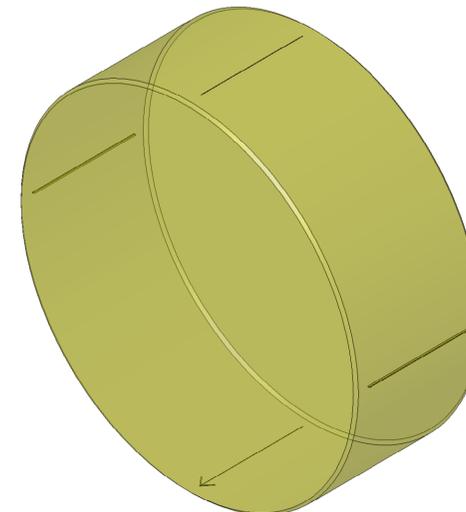
BARREL SIDE AND BEVEL POLISH
(SEE NOTE 3).



POLISH SURFACE 'S2'
(SEE NOTE 4).

ETCH OR GRIND SERIAL NUMBER, APPROX. WHERE SHOWN,
LETTERING APPROX. 4mm HIGH
(SEE NOTE 5 FOR FURTHER DETAILS)

ETCH OR GRIND REGISTRATION MARKS
0.25mm ± 0.05mm WIDE x
80mm ± 3mm LONG MINIMUM LEGIBLE
DEPTH LINE ALONG ϕ , CENTERED
BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
TO THE CYLINDRICAL AXIS
(DEFINED BY DATUM FEATURE -A-)
WITHIN ± 0.1mm AND
90° FROM SCRIBE LINE AT LOCATION OF
MINIMUM PART THICKNESS.



MANUFACTURING NOTES:	
1.	DO NOT SCALE FROM DRAWING.
2.	INTERPRET DRAWING AS PER ANSI Y14.5M 1994.
3.	BARREL SIDE AND BEVEL POLISH PER E080516.
4.	FINISH SURFACES 'S1' AND 'S2' AS PER E080516.
5.	REFER TO E080516 FOR MORE INFORMATION ON SERIAL NUMBER.
6.	APPLY COATING PER E0900071.

PARTS LIST	
NOTES: (UNLESS OTHERWISE SPECIFIED)	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DIMENSIONS ARE IN MILLIMETERS (mm)	
TOLERANCES:	SYSTEM ADVANCED LIGO
XX ± 0.1	SUB-SYSTEM COC
XX ± 0.05	PART NAME PR3
ANGULAR ± 0.1 °	
MATERIAL:	
REF E080041-v1	
FINISH	SEE NOTES
DRAWN	C. TORRE 14 Nov 08
CHECKED	D. CORNE 10 Nov 08
CHECKED	E. GUSTAFSON 18 Nov 08
APPROVED	D. CORNE 17 Dec 08

NAME	DATE	PART NAME	PR3 SUBSTRATE
DRAWN	C. TORRE 14 Nov 08	SIZE	DWG. NO. D080662
CHECKED	D. CORNE 10 Nov 08	SCALE	1:2
CHECKED	E. GUSTAFSON 18 Nov 08	PROJECTION	1st Angle
APPROVED	D. CORNE 17 Dec 08	SHEET	1 OF 1