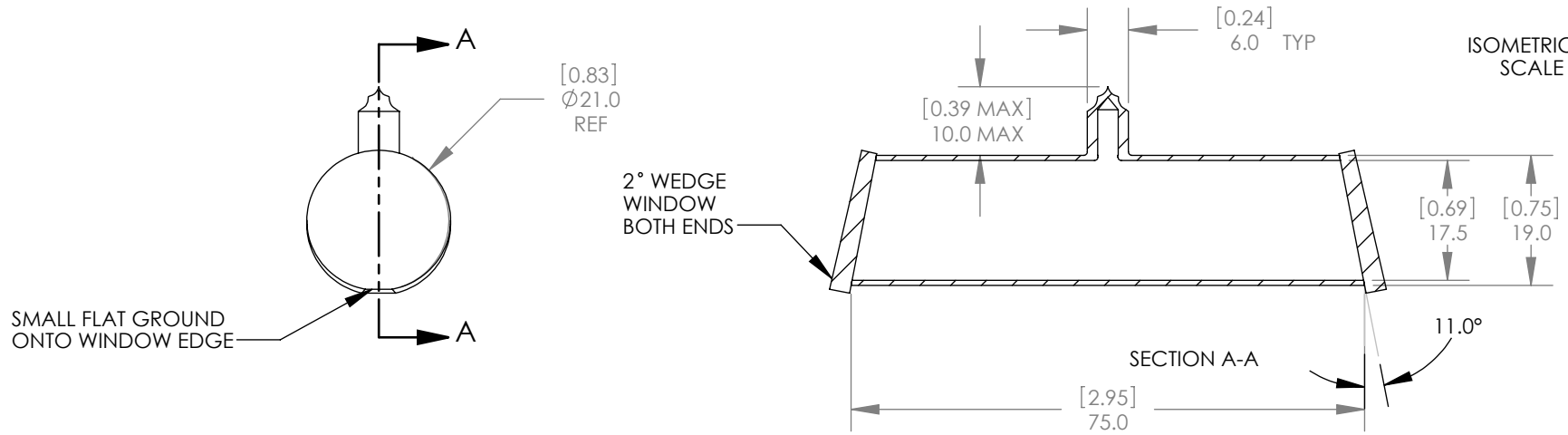


ISOMETRIC VIEW  
SCALE 1:1



NOTES/SPECIFICATIONS:

1. BODY THICKNESS: 1.5mm
2. DIAMETER TOLERANCE: ±1.6mm
3. DIMENSIONAL TOLERANCE: ±0.8mm
4. PRESSURE @ 25°C: 0.1-0.2 TORR
5. STEM HEIGHT: <10mm
6. WINDOW ANGLE: 11±1°
7. WINDOW TYPE: WEDGED 2°
8. WINDOW THICKNESS: 3.0mm
9. WINDOW SURFACE QUALITY: 60-40 SCRATCH-DIG
10. WINDOW FLATNESS: λ/4
11. ALL DIMENSIONS ARE IN  $\begin{matrix} \text{[in]} \\ \text{mm} \end{matrix}$

	NAME	DATE
DRAWN	GG	08/29/2010
ENG APPR.	BW	09/08/2010
MFG APPR.	DD	09/08/2010

**PROPRIETARY AND CONFIDENTIAL**

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**THORLABS INC.** PO BOX 366  
NEWTON NJ

TITLE: Ref. Cell, QUARTZ  
Ø19 mm x 75 mm, RUBIDIUM [<sup>87</sup>Rb]

MATERIAL: QUARTZ

SIZE A	REV. B
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SCALE: 1:1

SHEET 1 OF 1

DWG. NO. 12088-E01	PART NO. CQ19075-RB87
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