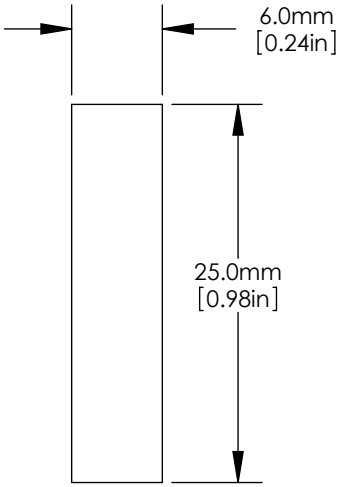






NOTES/SPECIFICATIONS:

1. DIMENSIONAL TOLERANCES: ±0.5 mm
2. THICKNESS TOLERANCE: ±0.5 mm
3. CLEAR APERTURE: >22.5x22.5 mm
4. GHOST INTENSITIES: <0.5% OF PARENT LINE
5. BACK SURFACE: COMMERCIAL POLISH
6. SURFACE QUALITY: 60-40 SCRATCH-DIG
7. GROOVES/mm: 1200
8. BLAZE ANGLE: 17° 27'
9. EFFICIENCIES: 60-80% AT 500 nm BLAZE (IN LITTROW)
10. DISPERSION: 0.80 nm/mrad
11. DAMAGE THRESHOLD: 350 mJ/cm^2 AT 200 ns (PULSED); 40 W/cm^2 (CW)
12. EDGE MARKED IN PENCIL WITH BLAZE DIRECTION AND NUMBER OF GROOVES
13. THE SURFACE OF A DIFFRACTION GRATING CAN BE EASILY DAMAGED. GRATINGS SHOULD ONLY BE HANDLED WHEN NECESSARY AND ALWAYS HELD BY THE SIDES. NO ATTEMPT SHOULD BE MADE TO CLEAN A GRATING OTHER THAN BLOWING OFF DUST WITH CLEAN, DRY AIR OR NITROGEN.

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JLE	08/10/2010
APPROVAL	BAG	10/28/2021

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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GRATING, RULED, 1200/mm, 500 nm BLAZE, 25.0X25.0 mm

MATERIAL	REV
LIME SODA GLASS	C

ITEM #	APPROX WEIGHT
GR25-1205	8.3 g