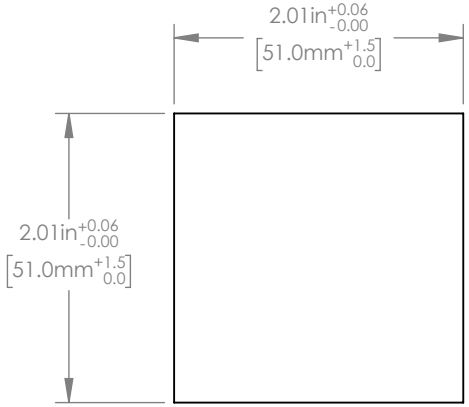
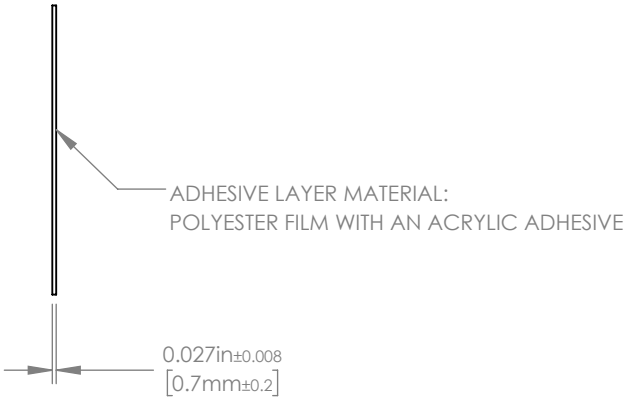






NOTES/SPECIFICATIONS:

1. DESCRIPTION: 2" x 2" ADHESIVE-BACKED NIR FLUORESCING VIEWING MATERIAL
2. DIMENSIONS: 2" x 2"
3. ADHESIVE LAYER MATERIAL: POLYESTER FILM WITH AN ACRYLIC ADHESIVE
4. PHOSPHOR TYPE: ANTI-STOKES
5. CHARGING REQUIRED: NO
6. ABSORPTION BAND: 720 - 820 nm, 890 - 1065 nm, 1490 - 1590 nm
7. EMISSION BAND (ABSORPTION WAVELENGTH DEPENDENT): 540 - 560 nm, 650 - 670 nm, 800 - 820 nm, 950 - 1030 nm
8. PEAK EMISSION (ABSORPTION WAVELENGTH DEPENDENT): 548, 554, 665, 668, 982, 1004 nm
9. VISIBLE EMISSION, MINIMUM STIMULATION PULSED (IN DARK CONDITIONS): 250 kW/cm² @1540 nm, 8 ns PULSE WIDTH @ 20 Hz
10. DAMAGE THRESHOLD SINGLE PULSE: 35 MW/cm² @ 1540 nm @ 8.4 ns PULSE WIDTH

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	TA	04/MAR/25
APPROVAL	RH	04/MAR/25

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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NIR FLUORESCING VIEWING MATERIAL

MATERIAL	REV
SEE NOTES	A

ITEM #	APPROX WEIGHT
VRC8B1	2.7 g