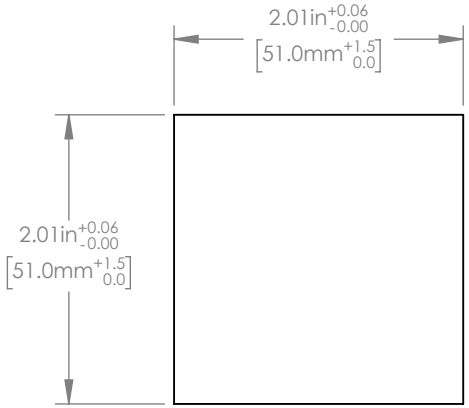
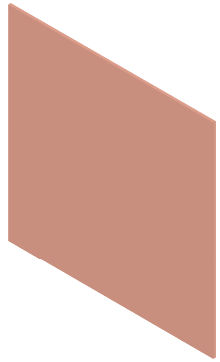
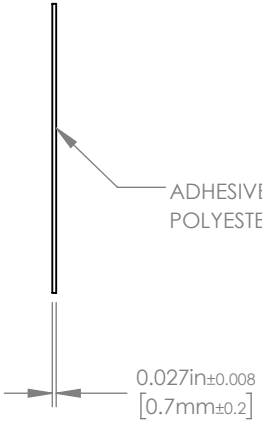






NOTES/SPECIFICATIONS:

1. DESCRIPTION: 2" X 2" ADHESIVE-BACKED VIS/NIR FLUORESCING VIEWING MATERIAL
2. DIMENSIONS: 2" x 2"
3. ADHESIVE LAYER MATERIAL: POLYESTER FILM WITH AN ACRYLIC ADHESIVE
4. PHOSPHOR TYPE: STORAGE PHOSPHOR
5. CHARGING REQUIRED: YES
6. ABSORPTION BAND: 400 - 640 nm CHARGING AND STIMULATION, 800 - 1700 nm STIMULATION
7. EMISSION BAND: ~580 to 750 nm
8. PEAK EMISSION: 650 nm
9. PERSISTENCE (STIMULATION REMOVED): IR <0.5 s (DEPENDENT ON AMBIENT LIGHT)
10. MINIMUM STIMULATION PULSED (IN DARK CONDITIONS): 250 kW/cm² @1064 nm, 7 ns, 10 Hz
11. DAMAGE THRESHOLD SINGLE PULSE 7 ns: 35 MW/cm² @ 1064 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	TA	04/MAR/25
APPROVAL	RH	20/MAY/25

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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VIS/NIR FLUORESCING VIEWING MATERIAL

MATERIAL	REV
SEE NOTES	A

ITEM #	APPROX WEIGHT
VRC2B1	1.3 g