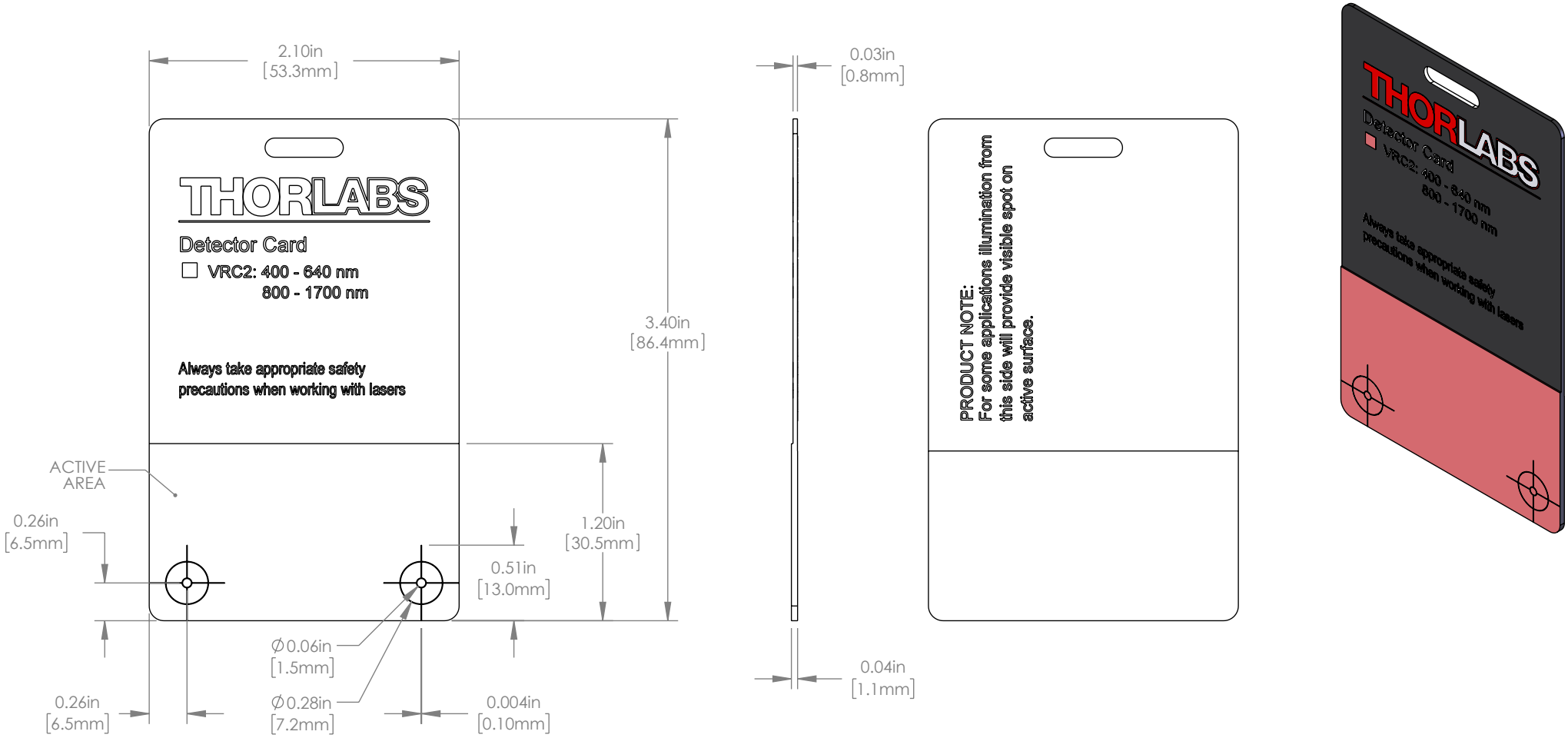


NOTES/SPECIFICATIONS:

1. DESCRIPTION: NIR DETECTOR CARD, 800 to 1700 nm
2. ACTIVE AREA DIMENSIONS: 2.10" x 1.20" (53.3 mm x 30.5 mm)
3. BACKING MATERIAL: PVC
4. PHOSPHOR TYPE: STORAGE PHOSPHOR
5. CHARING 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): 250kW/cm² @1064nm, 7 ns Pulses, 10 Hz
11. DAMAGE THRESHOLD, SINGLE 7 ns PULSE: 35 MW/cm² @ 1064nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	TA	04/OCT/21
APPROVAL	RH	20/MAY/25

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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VIS/IR (400 - 640 nm, 800 - 1700 nm) VIEWING CARD

MATERIAL	REV
N/A	C

ITEM #	APPROX WEIGHT
VRC2	0.004 kg