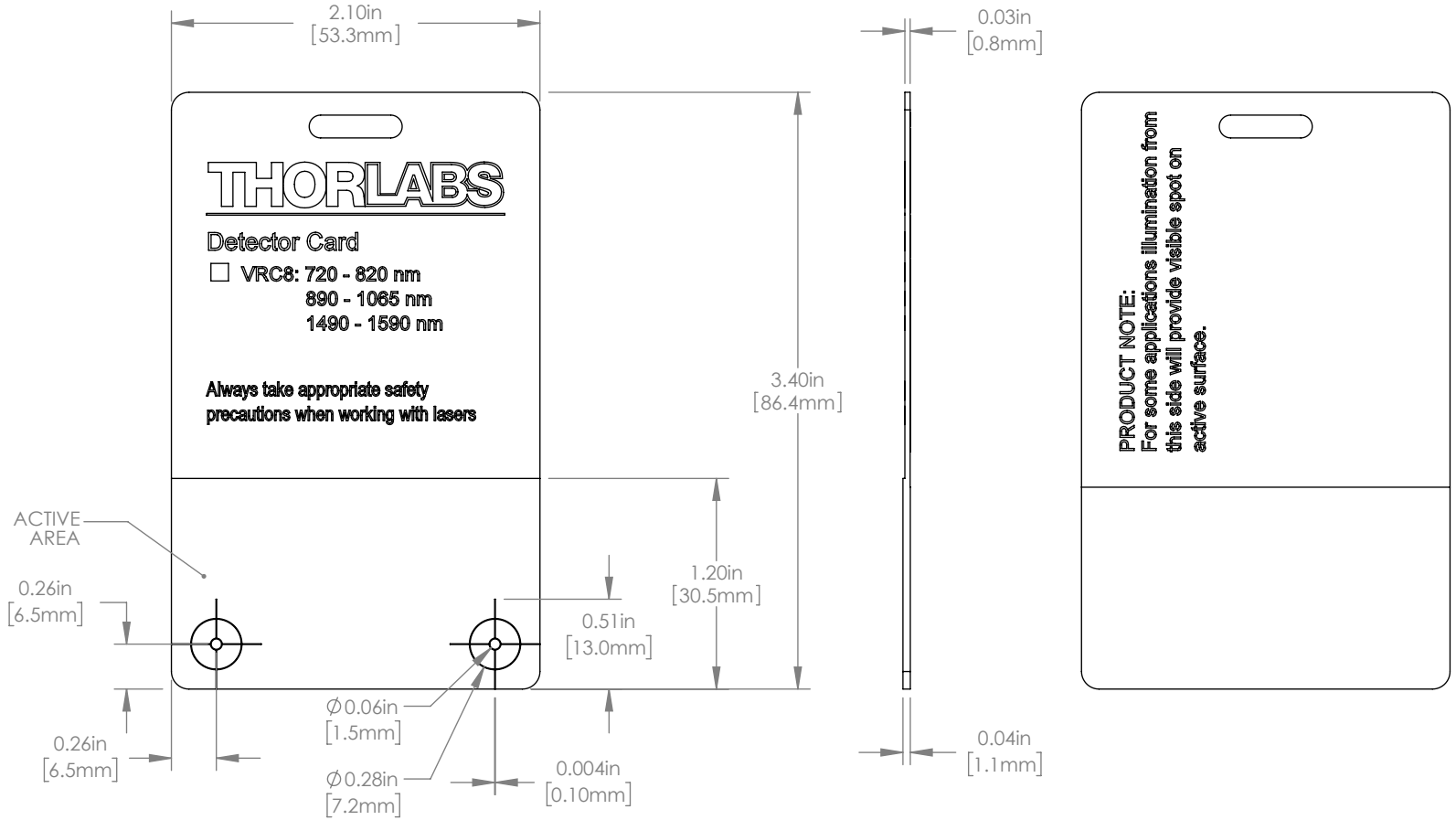
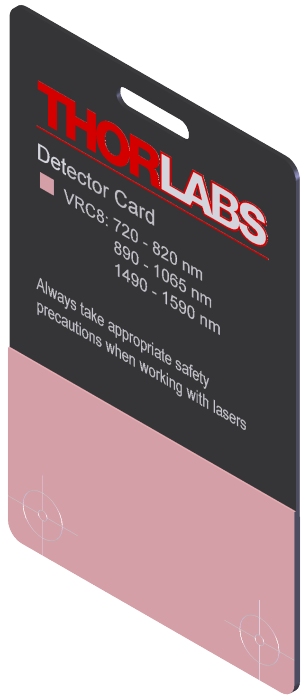




NOTES/SPECIFICATIONS:

1. DESCRIPTION: IR DETECTOR CARD, 720 - 820 nm, 890 - 1065 nm, 1490 - 1590 nm
2. ACTIVE AREA DIMENSIONS: 2.10" x 1.20" (53.3 mm x 30.5 mm)
3. BACKING MATERIAL: PVC
4. PHOSPHOR TYPE: ANTI-STOKES
5. CHARING 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, 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	22/AUG/25
APPROVAL	RH	22/AUG/25

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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NIR VIEWING CARD

MATERIAL	REV
N/A	A

ITEM #	APPROX WEIGHT
VRC8	0.004 kg