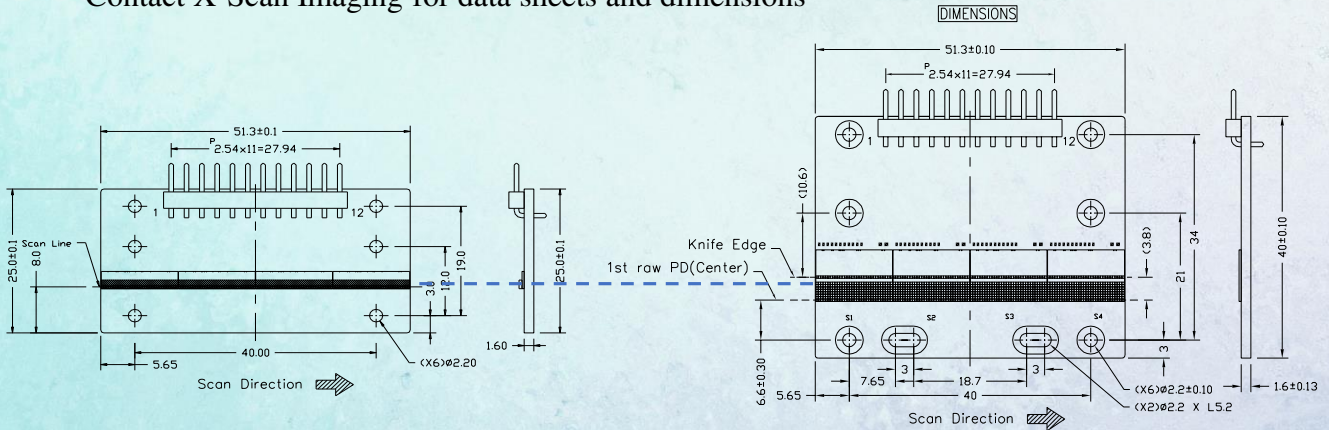


XB90802 TDI Sensor Board

Compare to 0.4 mm LDA boards:

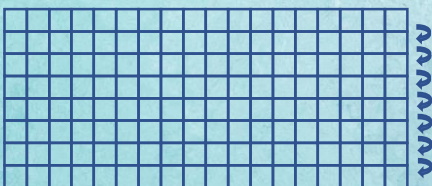
- Retains a similar signal level to 0.4 mm LDA boards at the same scan speeds
- Scan speed up to 1.2m/s
- Drop in replacement for standard 0.4 mm LDA boards
- Physical variation from standard 0.4 mm boards shown below
- Contact X-Scan Imaging for data sheets and dimensions



Principle of Operation ‘Multiple Exposures’

8 integrated multiple exposure compared to single shot LDA

XB90802 TDI 0.2 X 0.2mm



Area $0.2 \times 0.2 \times 8 = \underline{0.32}$

G7=GRZ Plus

XB8804 LDA 0.4mm X 0.6mm



Area $0.4 \times 0.6 = 0.24$

G1=DRZ HI: $0.24 \times 1.25 = \underline{0.30}$

Benefits

- High resolution at high speed
- Compared to LDA, reduce X-Ray source power for same signal
- Drop in replacement to 0.4mm up to 1.2m/s up to 18 inch detector length
- More Signal to Noise ratio
- Software Binning to 0.4 mm

This information for reference only, subject to change.

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