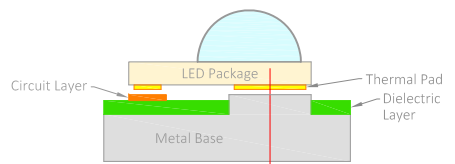
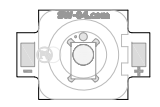


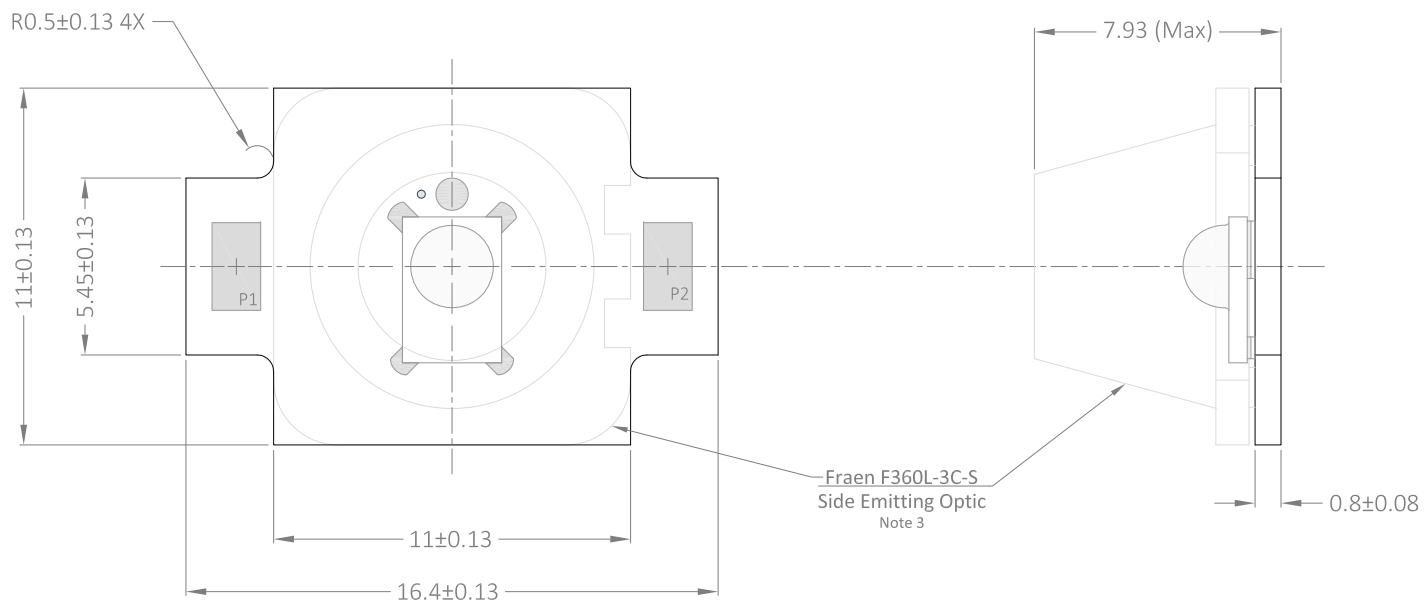
REVISIONS	
REV	DESCRIPTION



This SABER² LED module features COFAN USA's Pillar technology for a direct thermal path from the LED to the heatsink



PCB Pads & Markings
1:1

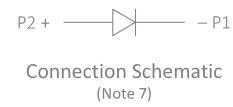


Scale 4:1

- NOTES:**
1. Base is a COFAN USA Pillar aluminum MCPCB with white soldermask and black markings
 2. Bottom of the MCPCB base is uncoated and electrically neutral.
 3. Fraen F360L-3C-S Side Emitting LEDs are mounted to base with UV cured adhesive.
 4. Solder pads are ENIG plated.
 5. LED module must be mounted to a heat sink with a thermally conductive interface material such as our proprietary thermal adhesive tape. (Part LX-100)
 6. See the datasheet for instructions on determining LED junction temperature.
 7. See the datasheet for additional connection details.
 8. Solder pad locations are relative to the center of the module to the center of the solder pad.

Pad ID	X Loc	Y Loc	Size	Rotation*
P1	-6.7	0.0	1.5 x 2.7	0°
P2	6.7	0.0	1.5 x 2.7	0°

* Rotation angle around center point of pad.



SCALE	As noted	DRAWN	RW	Jul 26/23	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	WW	Jul 31/23	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Oct 28/23	QTY PER ARRAY	15



QTY	DESCRIPTION
1	SW-04 COFAN USA Pillar Aluminum MCPCB
1	LUXEON Rebel LED
1	Fraen F360L-3C-S Side Emitting Optic

Luxeon Star LEDs
service@luxeonstar.com / www.luxeonstar.com

PROJECT: **SW-04 SABER² Side Emitting Rebel LED Module**

Quadica Developments

PART: SW-04-XX