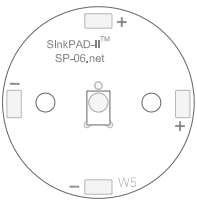


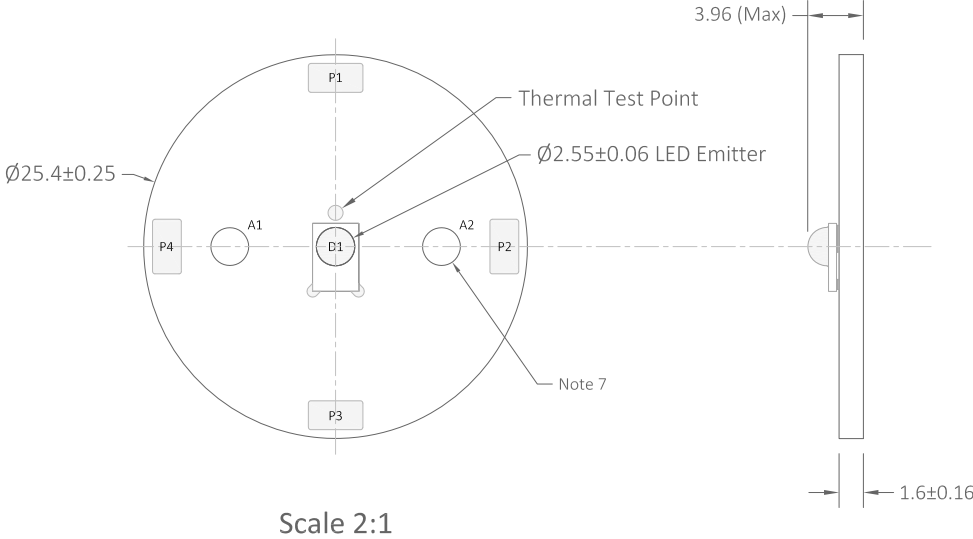
REVISIONS			
REV	DESCRIPTION	BY	DATE



PCB Pads & Markings
Scale 1:1

NOTES:

1. Base is a SinkPAD-II aluminium MCPCB with white soldermask and black markings.
2. Bottom of the MCPCB base is uncoated and electrically neutral.
3. The LED module must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-SR06-12)
4. Thermally conductive double sided tape or epoxy is recommended for fastening the LED module to the cooling surface. Mechanical fasteners are not recommended. See the datasheet for additional details.
5. See the datasheet for instructions for determining LED junction temperature.
6. See the datasheet for additional wiring connection details.
7. Solder pad & hole locations are relative from the center of the module to the center of the solder pad/hole.
8. Two 2.5mm holes are positioned and sized to accommodate Carclo Bubble or 10267 Side Emitter Optics.



Scale 2:1

Hole Table (Note 7)				
Hole ID	X Loc	Y Loc	Dia	Loc Tol
A1	-7.00	0.00	2.5 ±0.08	±0.04
A2	7.00	0.00	2.5 ±0.08	±0.04

Solder Pad Locations (Note 7)				
Pad ID	X Loc	Y Loc	Rotation	Size
P1	0.0	11.2	0	3.6 x 1.9
P2	11.2	0.0	90	3.6 x 1.9
P3	0.0	-11.2	0	3.6 x 1.9
P4	-11.2	0.0	90	3.6 x 1.9



Connection Schematic

SCALE	As noted	DRAWN	RW	May 15/14	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	CW	May 28/14	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Aug 1/14	QTY PER ARRAY	12



QTY	DESCRIPTION
1	SP-06 SinkPad Aluminum MCPCB
1	LUXEON Rebel LED
Luxeon Star LEDs service@luxeonstar.com / luxeonstar.com	
PROJECT	
SP-06 SinkPAD-II Rebel 25mm Round LED Module	
Quadica Developments Inc.	
PART: SP-06-XX	REV: A