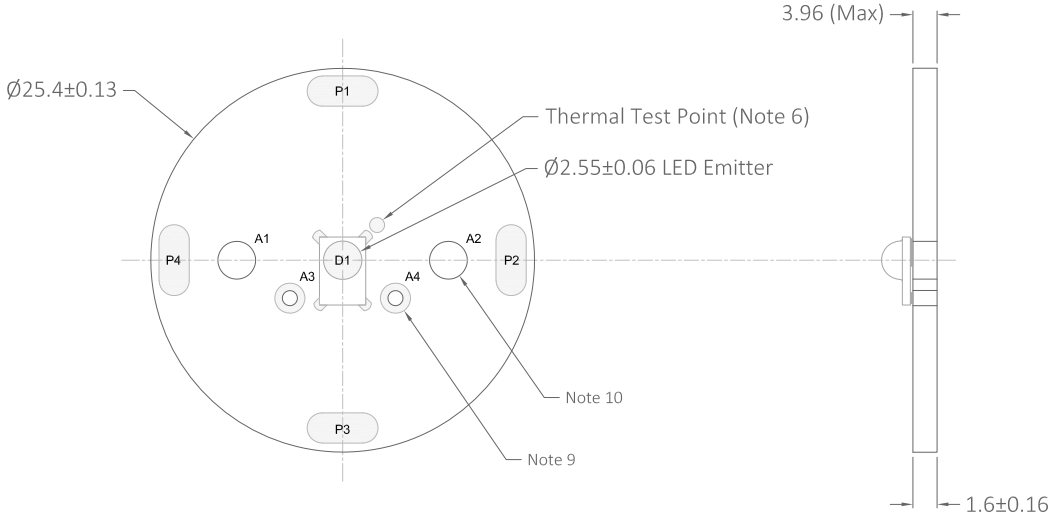
REVISIONS			
REV	DESCRIPTION	BY	DATE



PCB Pads & Markings
1:1



Scale 2:1

NOTES:

1. Base is FR-4 laminate with 2 oz copper, white solder mask and black markings.
2. Bottom of the FR-4 base is ENIG and electrically neutral.
3. Solder pads are ENIG plated.
4. 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-SR06-6)
5. 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.
6. See the datasheet for instructions for determining LED junction temperature.
7. See the datasheet for additional wiring connection details.
8. Through hole solder pads to accommodate rear connection.
9. Solder pad & hole locations are relative from the center of the module to the center of the solder pad/hole.
10. 2.5 mm holes sized to accommodate positioning of a single Carclo 104 or 106 series 20mm Bubble Optic.

Hole Table (Note 9)				
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
A3	-3.50	-2.50	1.0 ±0.08	±0.04
A4	-3.50	-2.50	1.0 ±0.08	±0.04

Solder Pad Locations (Note 9)				
Pad ID	X Loc	Y Loc	Rotation	Size
P1	0.0	11.2	0	4.7 x 2.0
P2	11.2	0.0	0	2.0 x 4.7
P3	0.0	-11.2	0	4.7 x 2.0
P4	-11.2	0.0	0	2.0 x 4.7



Connection Schematic

QTY	DESCRIPTION
1	SR-06 FR-4 Laminate
1	LUXEON Rebel LED

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

PROJECT

SR-06 CoolBase
25 mm Round Rebel LED Module

Quadica Developments Inc.

PART: SR-06-XX | REV: E

SCALE	As noted	DRAWN	RW	Mar 16/12	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	CW	Mar 16/12	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Mar 29/12	QTY PER ARRAY	12

COOLBASE