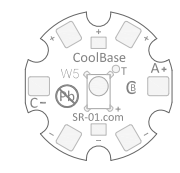
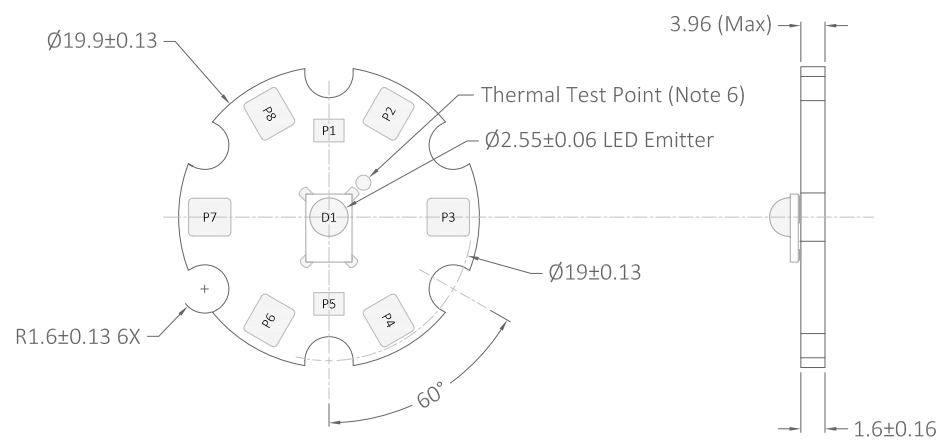


REVISIONS			
REV	DESCRIPTION	BY	DATE



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-S-12)
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. Solder pad locations are relative from the center of the module to the center of the solder pad.

Pad ID	X Loc	Y Loc	Rotation	Size
P1	0.0	5.7	0	2.0 x 1.5
P2	4.0	6.8	60	2.8 x 2.5
P3	7.9	0.0	0	2.8 x 2.5
P4	4.0	-6.8	300	2.8 x 2.5
P5	0.0	-5.7	0	2.0 x 1.5
P6	-4.0	-6.9	60	2.8 x 2.5
P7	-7.9	0.0	0	2.8 x 2.5
P8	-3.9	6.8	300	2.8 x 2.5



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	15



QTY	DESCRIPTION
1	SR-01 FR-4 Laminate
1	LUXEON Rebel LED
<p style="text-align: center;">Luxeon Star LEDs service@luxeonstar.com / luxeonstar.com</p>	
<p style="text-align: center;">PROJECT SR-01 CoolBase Rebel Star LED Module</p>	
<p style="text-align: center;">Quadica Developments Inc.</p>	
PART: SR-01-XX	REV: N