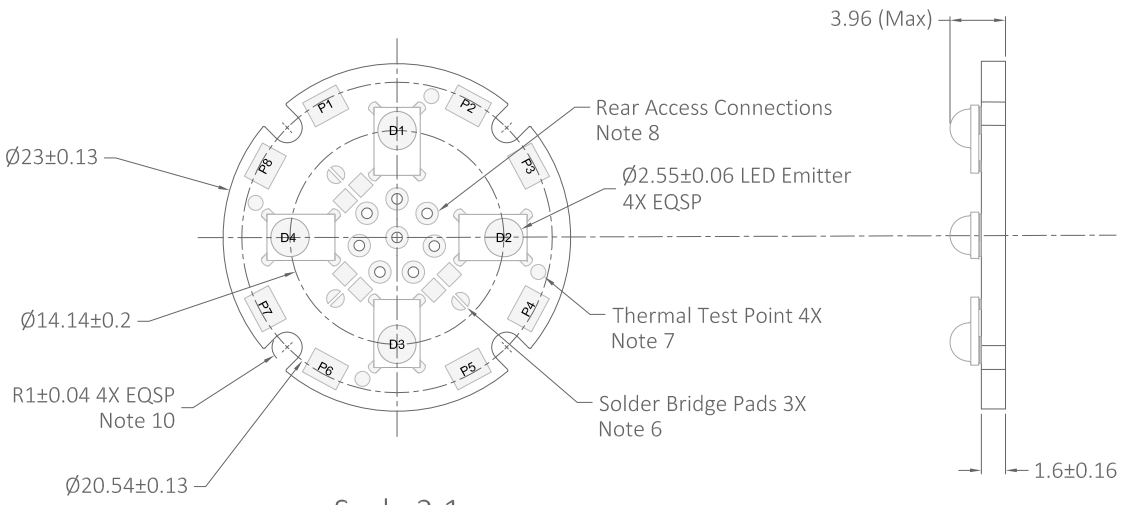
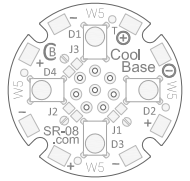
REVISIONS			
REV	DESCRIPTION	BY	DATE



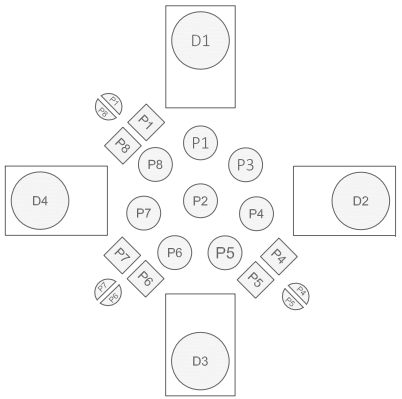
Scale 2:1

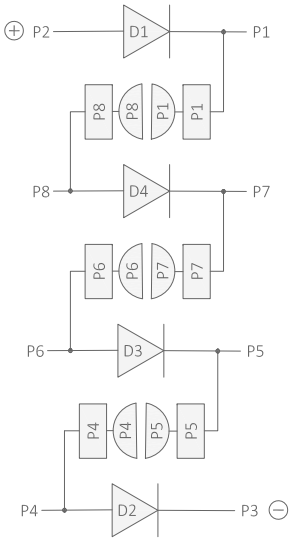


PCB Pads & Markings
1:1

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-SR08-12)
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. The module can be configured for series operation by applying solder dots or 0805 package 0R resistors between the series configuration pads.
7. See the datasheet for instructions for determining LED junction temperature.
8. Soldered wire connections can be made through the back of the module. See the datasheet for additional wiring connection details.
9. Perimeter solder pad locations are relative from the center of the module to the center of the solder pad.
10. Slots designed to accommodate Khatiod PL115 series of optics.





Connection Schematic
(Note 6)

Solder Pad Locations (Note 9)				
Pad ID	X Loc	Y Loc	Rotation	Size
P1	-4.7	8.7	28	2.5 x 1.8
P2	4.7	8.7	331	2.5 x 1.8
P3	8.7	4.7	298	2.5 x 1.8
P4	8.7	-4.7	62	2.5 x 1.8
P5	4.7	-8.7	28	2.5 x 1.8
P6	-4.7	-8.7	332	2.5 x 1.8
P7	-8.7	-4.7	298	2.5 x 1.8
P8	-8.7	4.7	62	2.5 x 1.8

QTY	DESCRIPTION
1	SR-08 FR-4 Laminate
4	LUXEON Rebel LED

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

PROJECT

SR-08 CoolBase
Rebel Quad LED Module

Quadica Developments Inc.

PART: SR-08-XX | REV: G

SCALE	As noted	DRAWN	RW	May 21/12	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	CW	May 21/12	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Jun 8/12	QTY PER ARRAY	15

COOLBASE