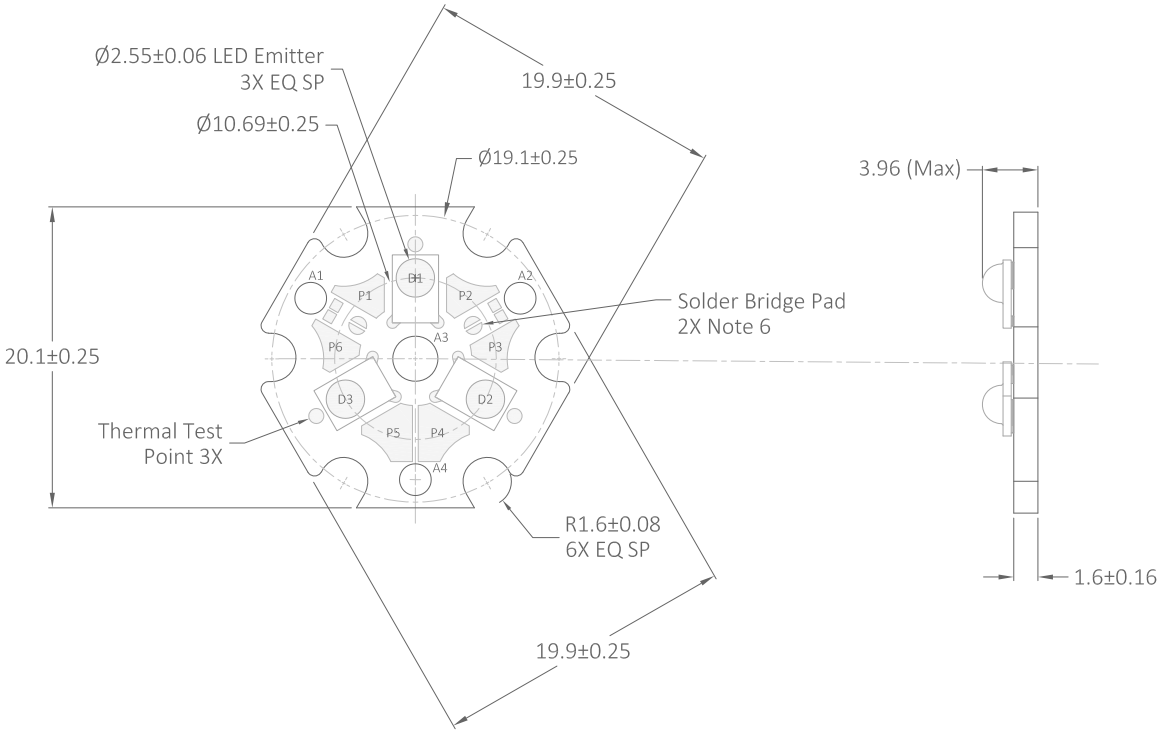
REVISIONS			
REV	DESCRIPTION	BY	DATE



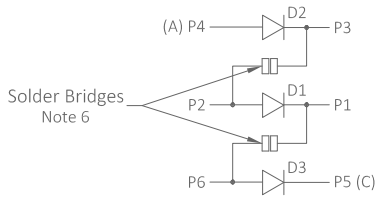
Scale 2:1



PCB Pads & Markings
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-T-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. The module can be configured for series operation by applying solder dots or 0805 package 0R resistors between the series configuration pads.
6. See the datasheet for instructions for determining LED junction temperature.
7. See the datasheet for additional wiring connection details.
8. Holes sized and positioned for Carclo 105 series and Ledil C11916_SATU-S optics.



Connection Schematic
(Note 6)

Hole Table				
Hole ID	X Loc	Y Loc	Dia	Loc Tol
A1	-6.93	4.00	2.1 ±0.08	±0.04
A2	4.00	6.93	2.1 ±0.08	±0.04
A3	0.00	0.00	3.0 ±0.08	±0.04
A4	0.00	-8.00	2.1 ±0.08	±0.04

QTY	DESCRIPTION
1	SP-03 SinkPad Aluminum MCPCB
3	LUXEON Rebel LED

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

SinkPAD

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

PROJECT

SP-03 SinkPAD-II
Rebel Tri-Star LED Module

Quadica Developments Inc.

PART: SP-03-XX | REV: A