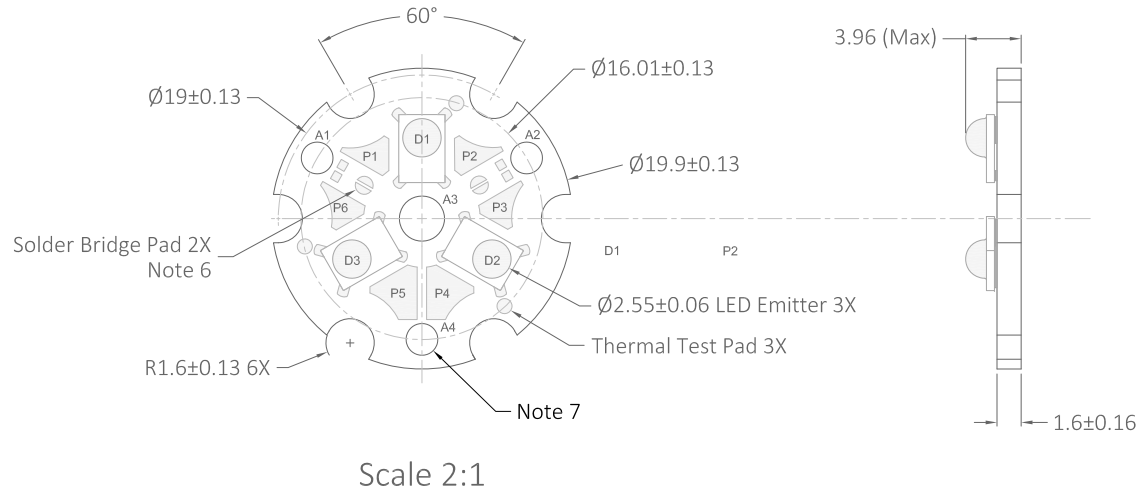
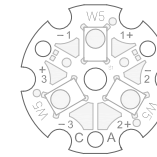


REVISIONS			
REV	DESCRIPTION	BY	DATE
B	1. Thickness of aluminium base increased from 1.5 mm to 1,6 mm. 2. Board changed from standard MCPCB to Polytronics Aluminum MCPCB	RW	Apr 14/22



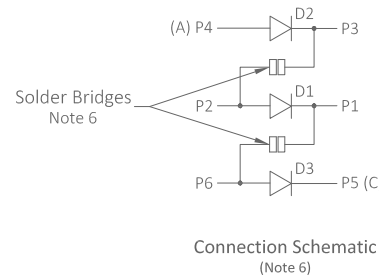
Scale 2:1



PCB Pads & Markings
1:1

NOTES:

1. Base is a Polytronics aluminum MCPCB with white soldermask and black markings.
2. Bottom of the base is uncoated 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-5-12)
5. Thermally conductive double sided tape or epoxy is recommended for fastening the LED module to the cooling surface. Mechanical fasteners are not recommended.
6. The module can be configured for series operation by applying solder dots or 0805 package OR resistors between the series configuration pads.
7. Holes sized and positioned for Carclo 105 series and Ledil C11916_SATU-S optics.



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

SCALE	As noted	DRAWN	TW	Mar 30/11	SOLDER PASTE	AIM NC-258
UNITS	MM	CHECKED	CW	Mar 30/11	REFLOW PROFILE	Standard
TOLERANCE	As noted	ISSUED		Apr 3/11	QTY PER ARRAY	15

SABER

QTY	DESCRIPTION
1	Polytronics Aluminum MCPCB
3	LUXEON Rebel LED
Luxeon Star LEDs service@luxeonstar.com / luxeonstar.com	
PROJECT	
SABER 20mm Tri-Star Rebel LED Module	
Quadica Developments Inc.	
PART: MR-XXX-20T	REV: B