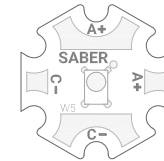
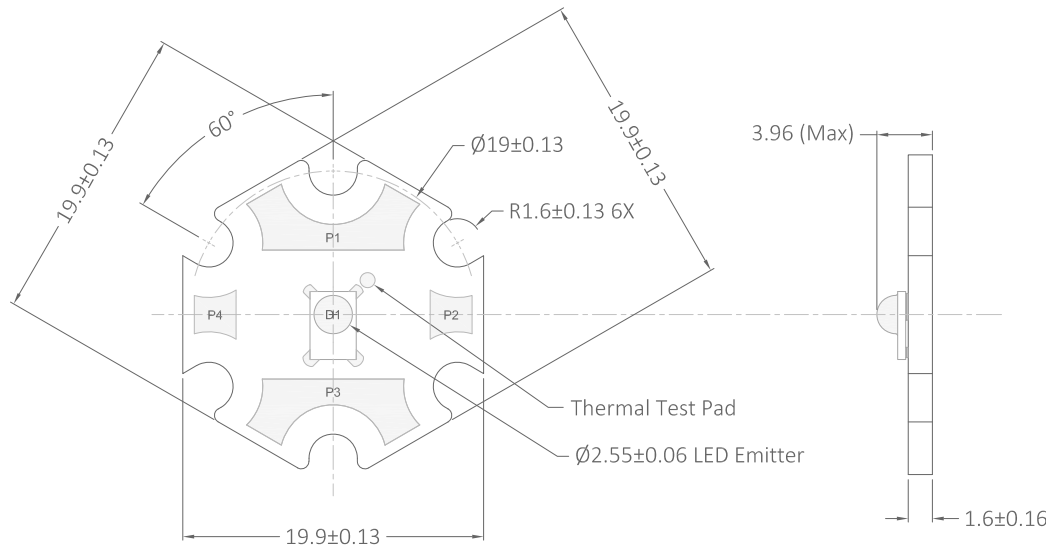


| REVISIONS |   |    |          |
|-----------|---|----|----------|
| REV       | DESCRIPTION   | BY | DATE     |
| G         | 1. Thickness of aluminium base increased from 1.5 mm to 1,6 mm.<br>2. Board changed from standard MCPCB to Polytronics Aluminum MCPCB | RW | Mar 9/22 |



PCB Pads & Markings  
1:1



Scale 2:1

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-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.



Connection Schematic

| QTY   | DESCRIPTION                |
|---|----------------------------|
| 1   | Polytronics Aluminum MCPCB |
| 1   | LUXEON Rebel LED           |
|   |                            |
|   |                            |
| Luxeon Star LEDs<br>service@luxeonstar.com / luxeonstar.com |                            |
| PROJECT   |                            |
| <b>SABER 20mm Star Rebel LED Module</b>                     |                            |
| Quadica Developments Inc.                                   |                            |
| PART: MR-XXX-20S  | REV: G                     |

|           |          |         |    |           |                |            |
|-----------|----------|---------|----|-----------|----------------|------------|
| SCALE     | As noted | DRAWN   | TW | Jan 7/11  | SOLDER PASTE   | AIM NC-258 |
| UNITS     | MM       | CHECKED | CW | Jan 7/11  | REFLOW PROFILE | Standard   |
| TOLERANCE | As noted | ISSUED  |    | Jan 12/11 | QTY PER ARRAY  | 15         |

**SABER**

6

5

4

3

2

1

D

D

C

C

B

B

A

A

6

5

4

3

2

1