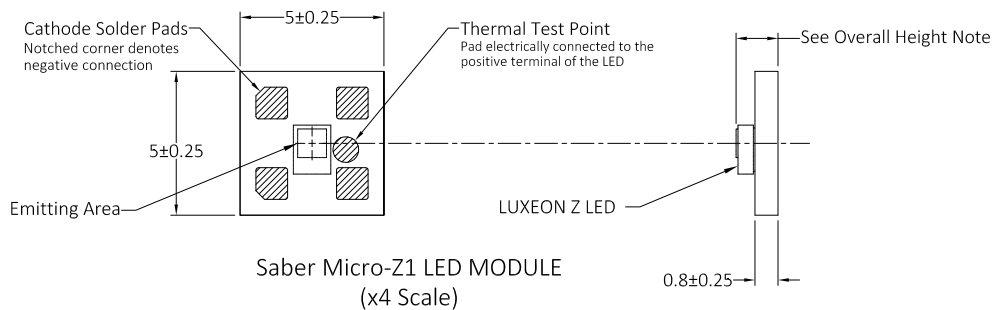


1 2 3 4 5 6

A

A



Saber Micro-Z1 LED MODULE
(x4 Scale)

Notes:
The Saber Micro-Z1 is delivered attached to a carrier tab for easy handling during shipping and production. The carrier tab is v-scored so that the LED module can be easily separated from the carrier.

The base is aluminum MCPCB with white soldermask and black markings. The bottom of the aluminum base is electrically neutral.

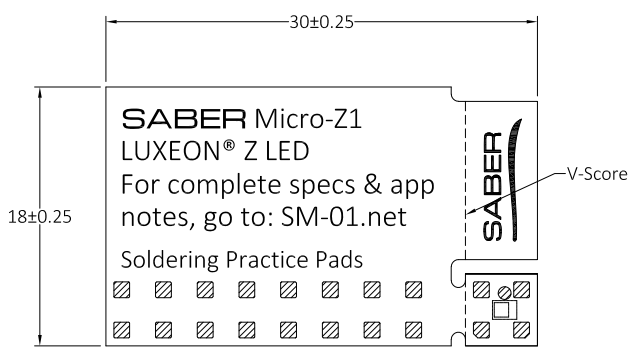
The module must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-Z-5)

See the technical documentation for instructions for determining LED junction temperature using the Thermal Test Point.

Overall Height:
The overall height will depend on the mounted LED:
Blue, Green Royal Blue & Cyan LEDs = 1.56mm ±0.25
Red, Red-Orange, Amber & Deep Red LEDs = 1.76mm ±0.25
Lime and PC Amber LEDs = 1.6mm ±0.25
UV LEDs = 1.58mm ±0.25

B

B



Saber Micro-Z1 Carrier Tab
(x2 Scale)

QTY	DESCRIPTION
1	SM-01 MCPCB
1	LUXEON Z LED

SCALE	As noted	NAME	RW	DATE	May 14/15
UNITS	MM	DRAWN	RW	CHECKED	WW
TOLERANCE	As noted	LAST REVISED	RW		Jan 9/18
SOLDER	AIM NC-258				
REFLOW PROFILE	Standard				
QTY PER PANEL	6	COMMENTS:			
DEPANELIZED	Yes				
Above values unless otherwise noted					
SABER					

Quadica Developments Inc.

PROJECT
Saber Micro-Z1
LUXEON Z 5mm Square LED Module

Luxeon Star LEDs

DWG: SM-01c.dwg	PART: SM-01-XX	REV: C
PROJECT ID:	SHEET 1 OF 1	

C

C

D

D

1 2 3 4 5 6 A4