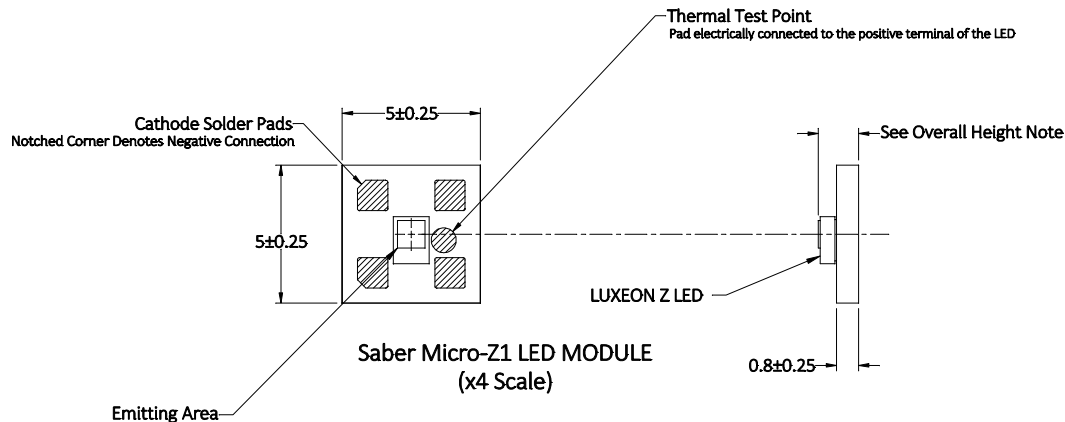


1 2 3 4 5 6

A

A



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 actual LED assembly can be easily separated from the carrier.

The base is aluminium MCPCB with white soldermask and black markings. The bottom of the aluminium 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)

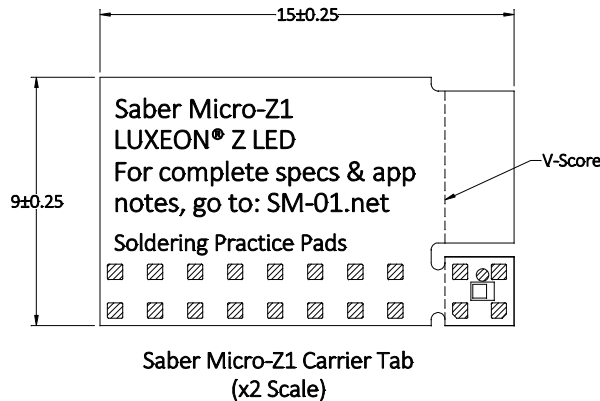
See the technical documentation for instructions for determining LED junction temperature using the Thermal Test Point.

Overall Height:

The overall height will depend on the mounted LED:
 Blue, Green Royal Blue & Cyan LEDs = 1.58mm ±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



C

C

D

D

SCALE	As noted		NAME	DATE
UNITS	MM	DRAWN	RW	May 14/15
TOLERANCE	As noted	CHECKED	WW	May 14/15
SOLDER	AIM NC-258	RELEASED		May 15/15
REFLOW PROFILE	Standard			
QTY PER PANEL	6	COMMENTS:		
DEPANELIZED	Yes			
Above values unless otherwise noted				
DO NOT SCALE DRAWING				

QTY	DESCRIPTION
1	SM-01 MCPCB
1	LUXEON Z LED
Quadica Developments Inc.	
PROJECT	Saber Micro-Z1 LUXEON Z 5mm Square LED Module
Luxeon Star LEDs	
DWG: SM-01-Assembly.dwg	PART: SM-01-XX
	REV: A
PROJECT ID:	SHEET 1 OF 1

1 2 3 4 5 A4