

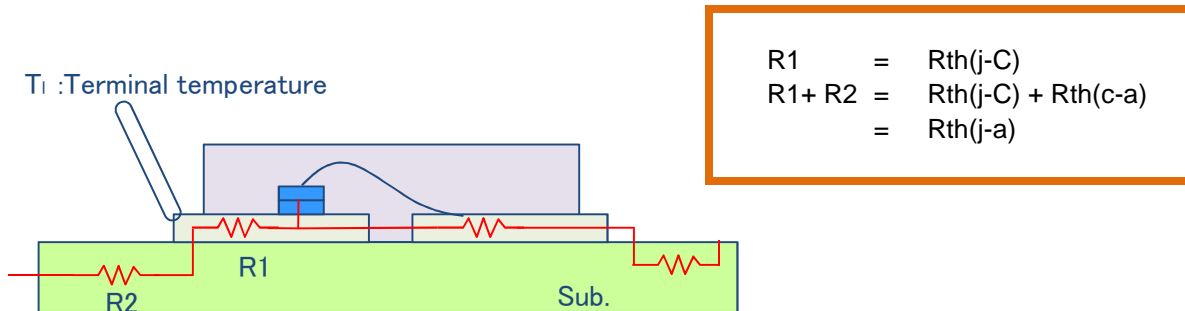
Product	LED
Package	SMD
Series	SML-D13x

2 kinds of  $R_{th}$  exist.

- Junction to case (terminal) :  $R_{th(j-C)}$
- Junction to ambient :  $R_{th(j-a)}$

Heat-dissipation of surface mount device is thru PCB. Therefore, value of  $R_{th(j-C)}$  is measured TI and calculated in Rohm PCB condition.

Terminal temperature is measured on LED mounted side.



### Thermal Resistance (Junction/Solder Point)

熱抵抗 (ジャンクション-実装部) ※1

**$R_{th(j-C)}$**  : 480 °C/W

### Thermal Resistance (Junction/Ambient)

熱抵抗 (ジャンクション-雰囲気温度) ※1

**$R_{th(j-a)}$**  : 760 °C/W

### Junction Temperature

ジャンクション温度

**$T_{jMax}$**  : 110 °C

※1:【評価基板】 Evaluation board

- 基板種類 Circuit board : ガラエポ基板 Glass epoxy circuit board
- 基板サイズ Circuit board Dimensions : 30 x 10 x 0.8mmt
- ランド寸法 (銅箔) Pad size (Cu) : 1.5mm<sup>2</sup> (Cathod)

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