

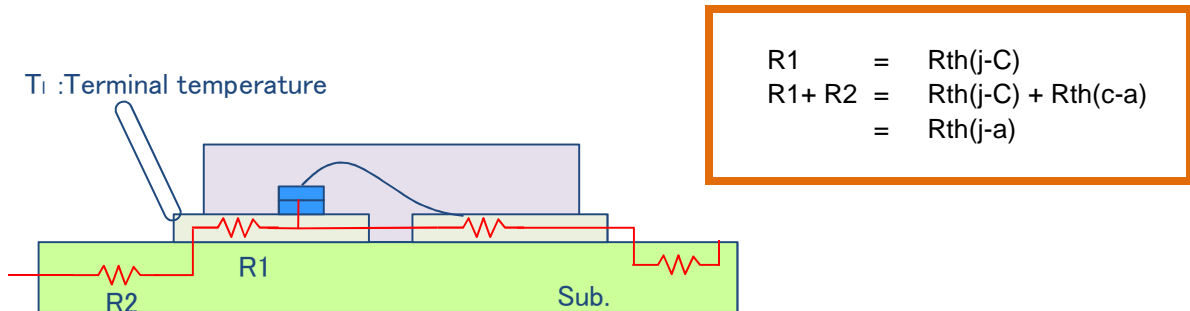
Product	LED
Package	SMD
Series	SML-D14x(A)

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

$R_{th(j-C)}$:	444	°C/W	[V, U2]
$R_{th(j-C)}$:	289	°C/W	[D, Y, W, M]

Thermal Resistance (Junction/Ambient)

熱抵抗 (ジャンクション-雰囲気温度) ※1

$R_{th(j-a)}$:	731	°C/W	[V, U2]
$R_{th(j-a)}$:	602	°C/W	[D, Y, W, M]

Junction Temperature

ジャンクション温度

T_{jMax} :	110	°C
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※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) : 1.5mm² (Cathod)

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