

Thermal Resistance

Product	LED
Package	SMD
Series	MSL0104RGB

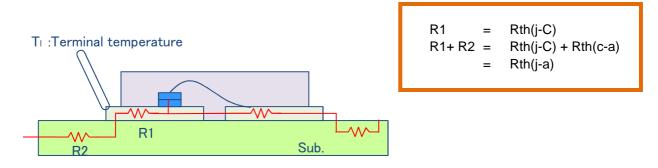
2 kinds of R_{th} exist.

-Junction to case(terminal) :Rth(j-C)

•Junction to ambient :Rth(j-a)

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

Terminal temperature is measured on LED mounted side.



Thermal Resistance(熱抵抗(ジャンクション-		ler Point	t)				
Rth(j-C) <r> :</r>	90	°C/W					
Rth(j-C) <g> :</g>	340	°C/W					
Rth(j-C) :	250	°C/W					
Thermal Resistance(Junction/Ambient)							
熱抵抗(ジャンクション−雰囲気温度)※1							
Rth(j-a) <r> :</r>	160	°C/W					
Rth(j-a) <g> :</g>	440	°C/W					
Rth(j-a) :	350	°C/W					
Junction Temperature							
ジャンクション温度							
TjMax <r> :</r>		°C					
TjMax <g> :</g>		°C					
TjMax :	120	°C					
※1:【評価基板】 Evalu	ation board						
■基板種類 Circuit b ■基板サイズ Circuit l ■ランド寸法(銅箔) P	board Dimensi	ons :					

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