

Product	Transistor	Type	2SAR564F3
Package	HUML2020L3	JEDEC Code	-

## 1. Thermal Resistance / 熱抵抗データ

Condition  
Ta=25°C



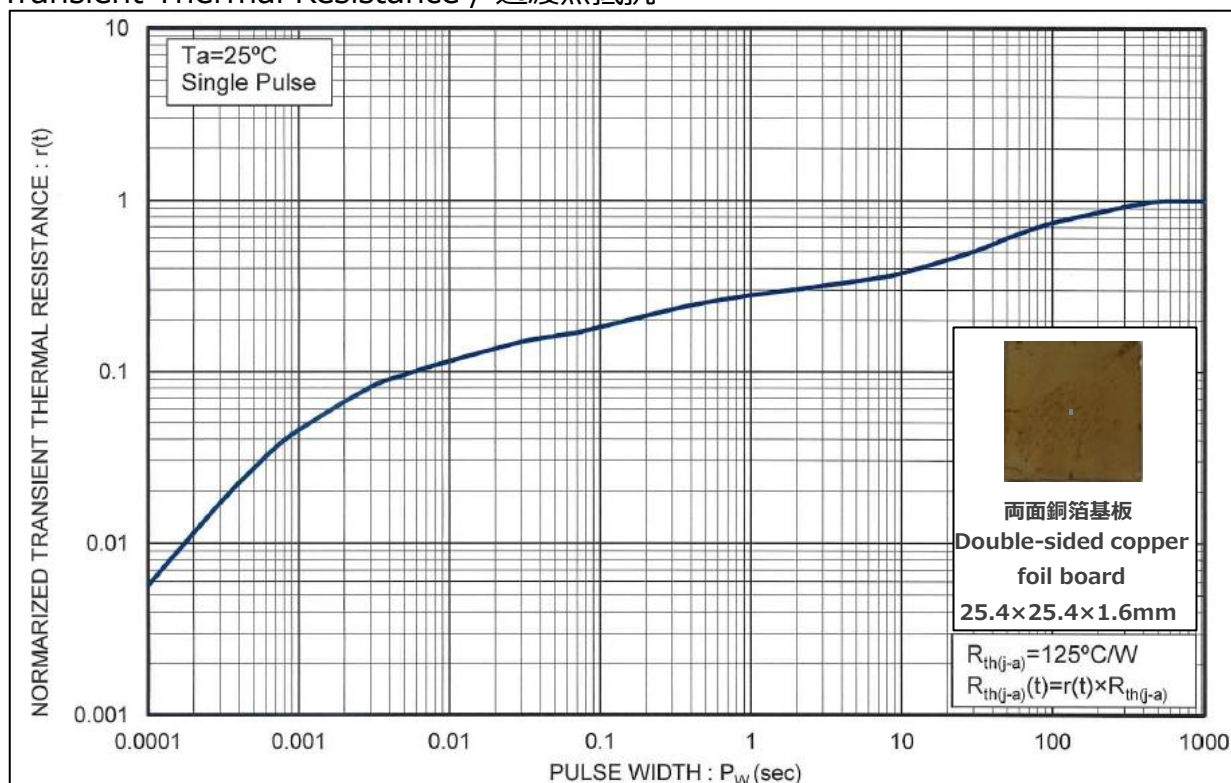
測定項目 ITEM	基板 CIRCUIT	記号 SYMBOL	測定値 VALUE	単位 UNIT
ジャンクション - エア間熱抵抗 Thermal resistance between junction and air	両面銅箔基板	$R_{th(j-a)}$	125.0	°C/W
ジャンクション - ケース間熱抵抗 Thermal resistance between junction and case	両面銅箔基板	$R_{th(j-c)}$	33.3	°C/W

$R_{th(j-c)}$ は、周囲温度25°Cにおいて、ケース標印面の最高温度を放射温度計にて測定しました。  
この時のケース温度を $T_{case}$ とし、また、ジャンクション温度を $T_{ch}$ として、以下の式より算出しました。  
 $R_{th(j-c)}$  measured under room temp (=25°C) taking hottest point of package/case surface using  
radiation thermometer and calculated using below formula; (case temp.= $T_{case}$ , junction temp.= $T_j$ )

$$R_{th(j-c)} = \frac{T_j - T_{case}}{P_c}$$

$P_c$ :印加電力 Power

## 2. Transient Thermal Resistance / 過渡熱抵抗



## Notes

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