

|         |            |            |           |
|---------|------------|------------|-----------|
| Product | Transistor | Type       | 2SCR567F3 |
| Package | HUML2020L3 | JEDEC Code | -         |

## 1. Thermal Resistance / 熱抵抗データ

Condition  
Ta=25°C



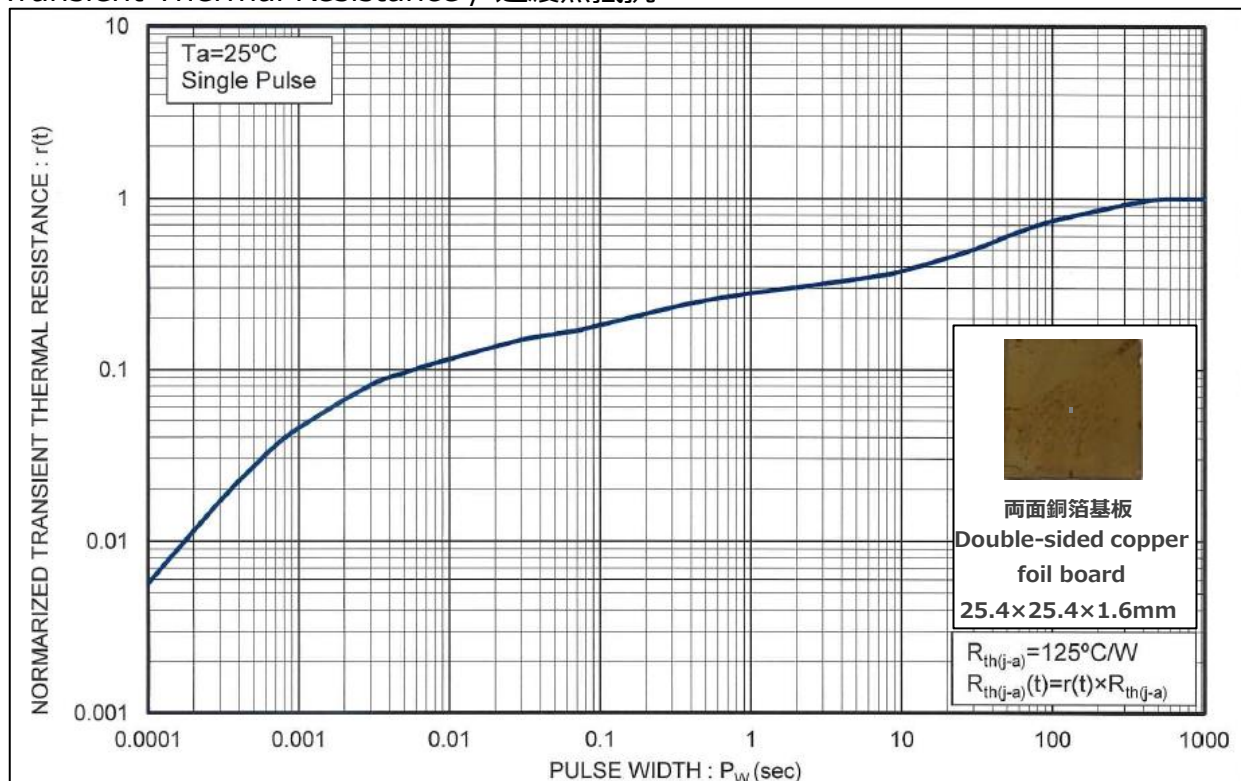
| 測定項目<br>ITEM  | 基板<br>CIRCUIT | 記号<br>SYMBOL  | 測定値<br>VALUE | 単位<br>UNIT |
|---|---------------|---------------|--------------|------------|
| ジャンクション - エア間熱抵抗<br>Thermal resistance between junction and air   | 両面銅箔基板        | $R_{th(j-a)}$ | 125.0        | °C/W       |
| ジャンクション - ケース間熱抵抗<br>Thermal 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、ケース裏印面の最高温点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



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