

Product	Transistor	Type	2SB1708
Package	TSMT3	JEDEC Code	SOT-346T

## 1. Thermal Resistance / 熱抵抗データ



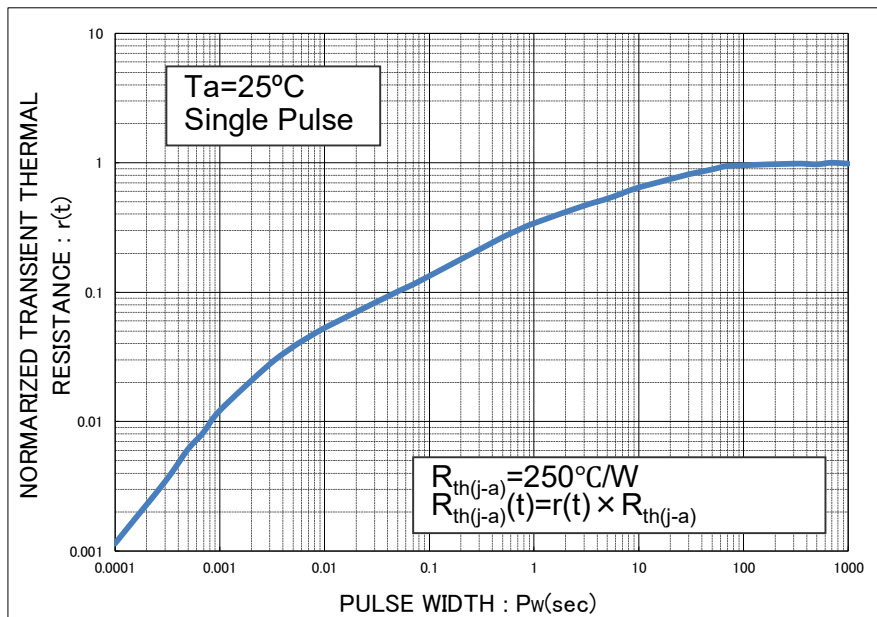
測定項目 ITEM	記号 SYMBOL	測定値 VALUE	単位 UNIT
ジャンクション - 雰囲気間熱抵抗 Thermal resistance between junction and ambient temperature	$R_{th(j-a)}$	250.0	°C/W
ジャンクション - ケース間熱抵抗 Thermal resistance between junction and case	$R_{th(j-c)}$	49.9	°C/W

$R_{th(j-c)}$ 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Tcaseとし、また、ジャンクション温度をTjとして、以下の式より算出しました。  
We calculated  $R_{th(j-c)}$  using the below formula.  
Case temperature(Tcase) was measured at the point of maximum temperature of the top side of the case(the marking side)under the condition of Ta=25°C by radiation thermometer.

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

Pc:印加電力  
Applied Power

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



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