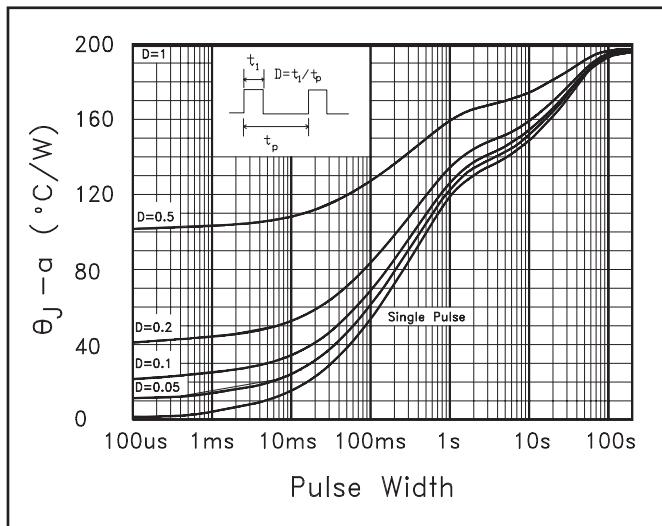


# SOT23 Thermal Resistance and Derating Information

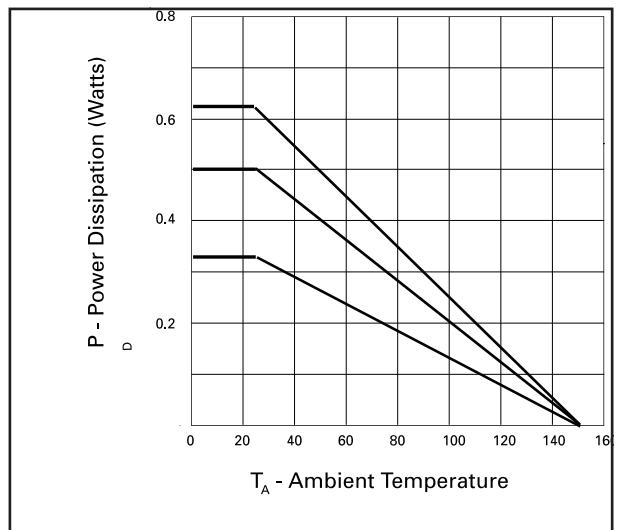
## SOT23 625mW devices



$\theta_{J-C} = 100^\circ\text{C}/\text{W Typical}$   
 $\theta_{J-A} = 190^\circ\text{C}/\text{W Typical}$   
 $= 200^\circ\text{C}/\text{W Maximum}$

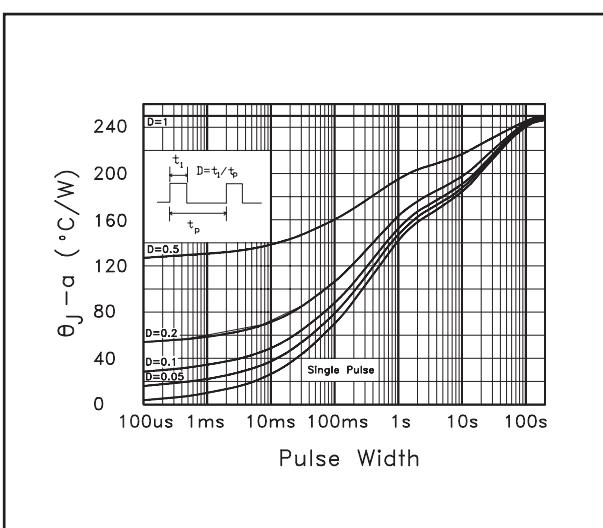
Mounted on a 15 x 15 x 0.6 mm alumina substrate connected using 25mm x 0.5mm dia copper wire

## SOT23 (625mW and 500mW) Derating



\*330mW shown for reference only

## SOT23 500mW devices



$\theta_{J-C} = 110^\circ\text{C}/\text{W Typical}$   
 $\theta_{J-A} = 200^\circ\text{C}/\text{W Typical}$   
 $= 250^\circ\text{C}/\text{W Maximum}$

Mounted on a 15 x 15 x 0.6 mm alumina substrate connected using 25mm x 0.5mm dia copper wire