

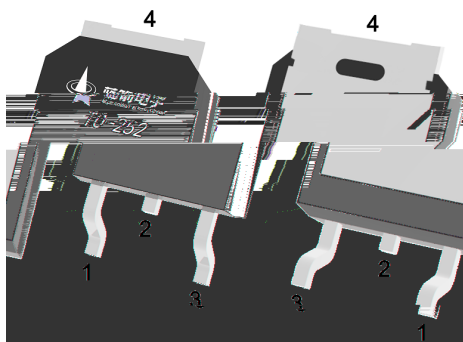
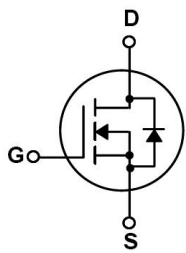
SiC

$\leq$	Ω	Ω
$\leq$	Ω	Ω

LED

PD

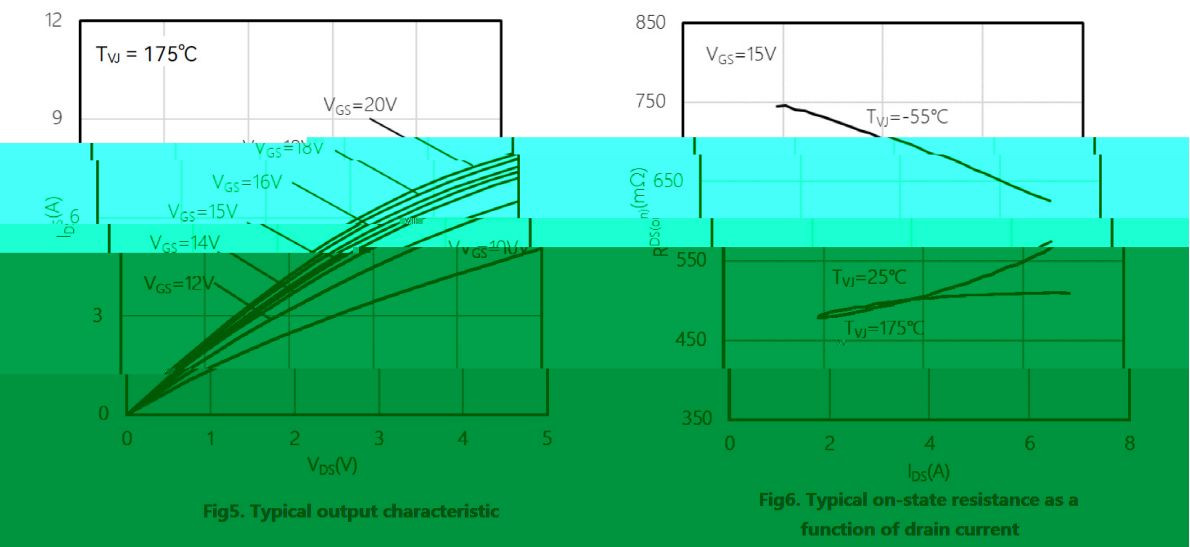
PC



						μ
						Ω
						μ



		Ω μ				
-						μ
-						
						Ω



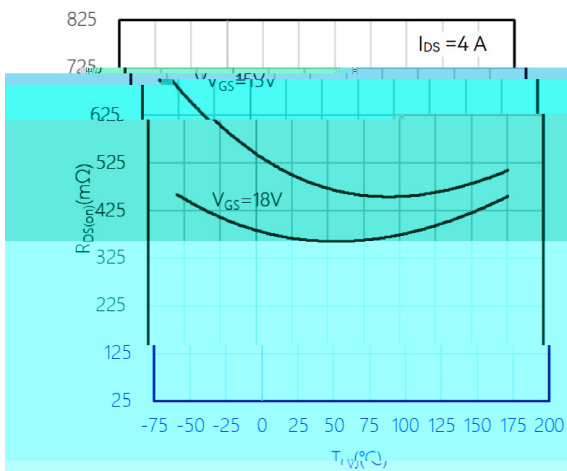


Fig. 7 Typical on-state resistance as a function of temperature

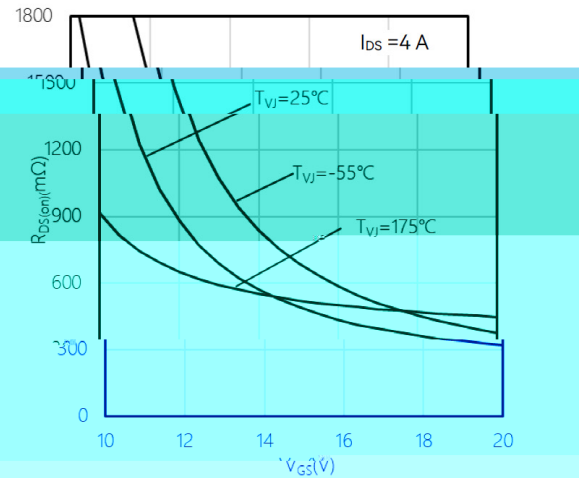


Fig. 8 Typical on-state resistance as a function of V_{GS}

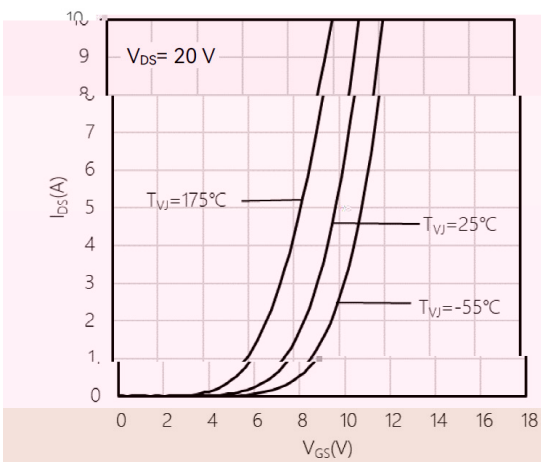


Fig. 9 Typical transfer characteristic

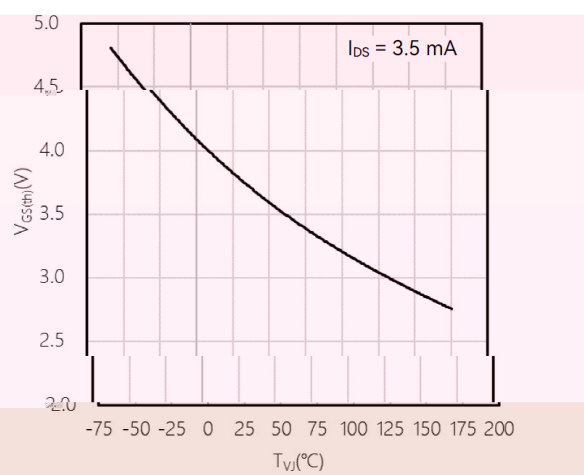


Fig. 10 Typical gate-source threshold voltage as a function of junction temperature

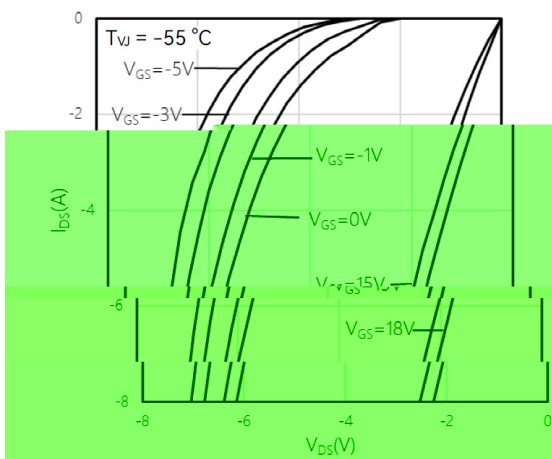


Fig. 11 Typical reverse drain current as a function of reverse drain voltage

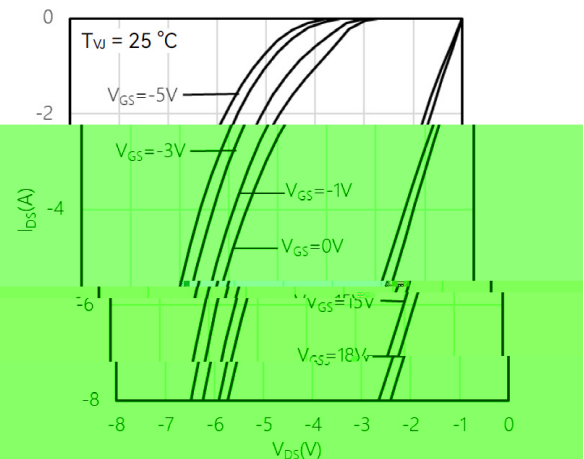


Fig. 12 Typical reverse drain current as a function of reverse drain voltage

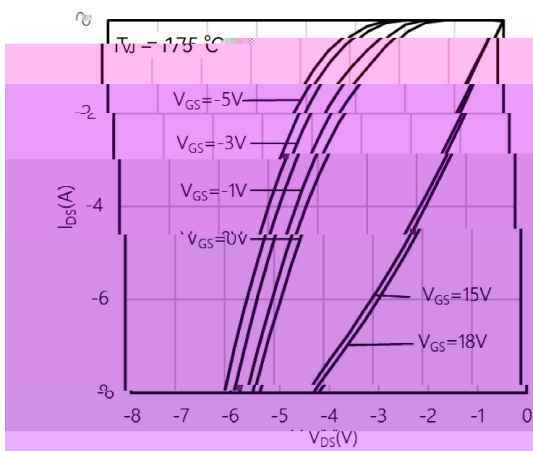


Fig13. Typical reverse drain current as function

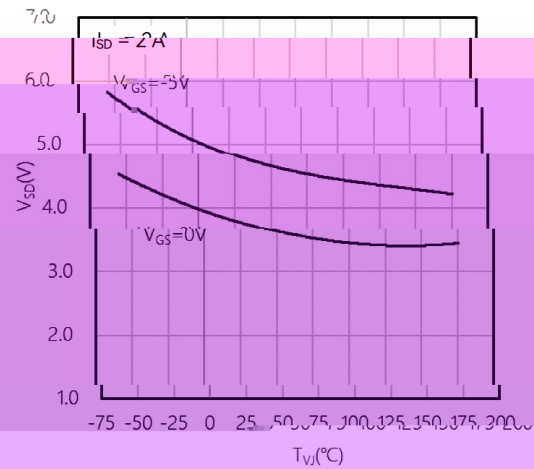


Fig14. Typical reverse drain voltage as

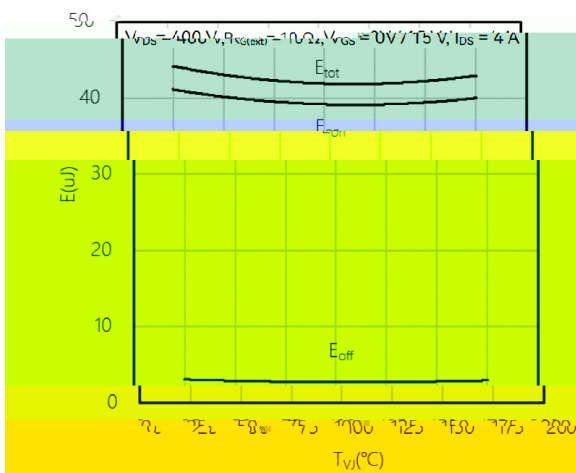


Fig15. Typical switching energy as a function of junction temperature, 2nd device own body diode: VGS = 0V

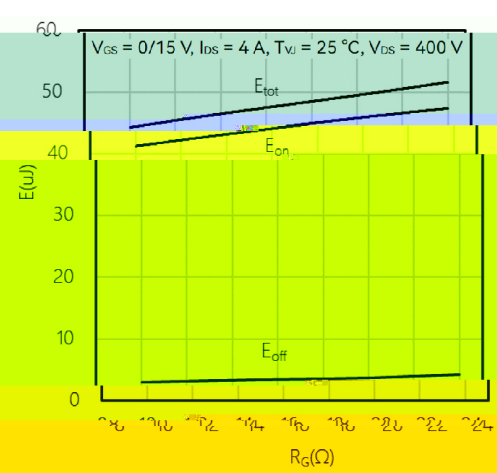


Fig16. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: VGS =

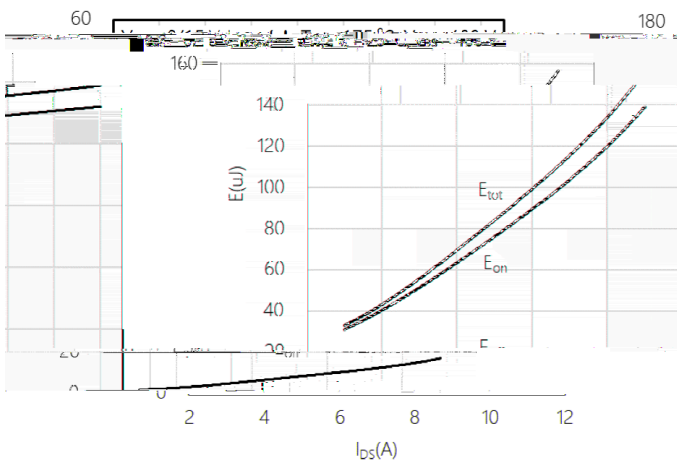


Fig17. Typical switching energy losses as a function of IDS, 2nd device own body diode: VGS = 0V

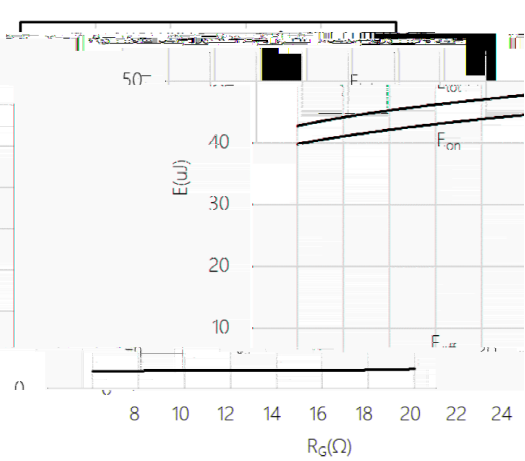
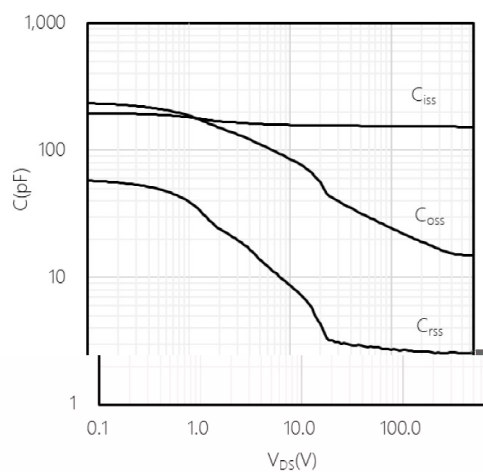
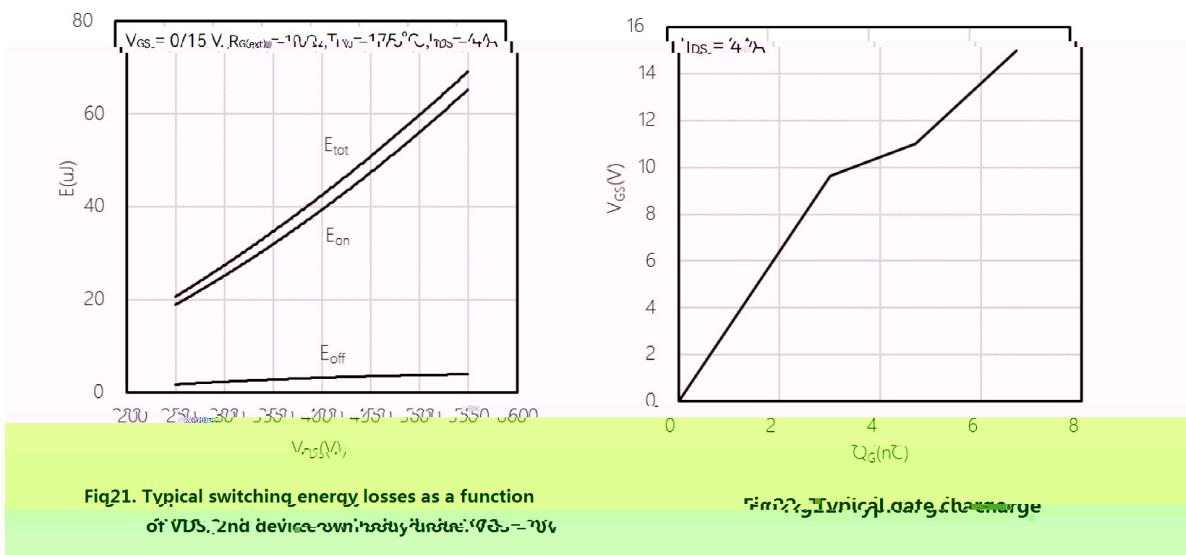
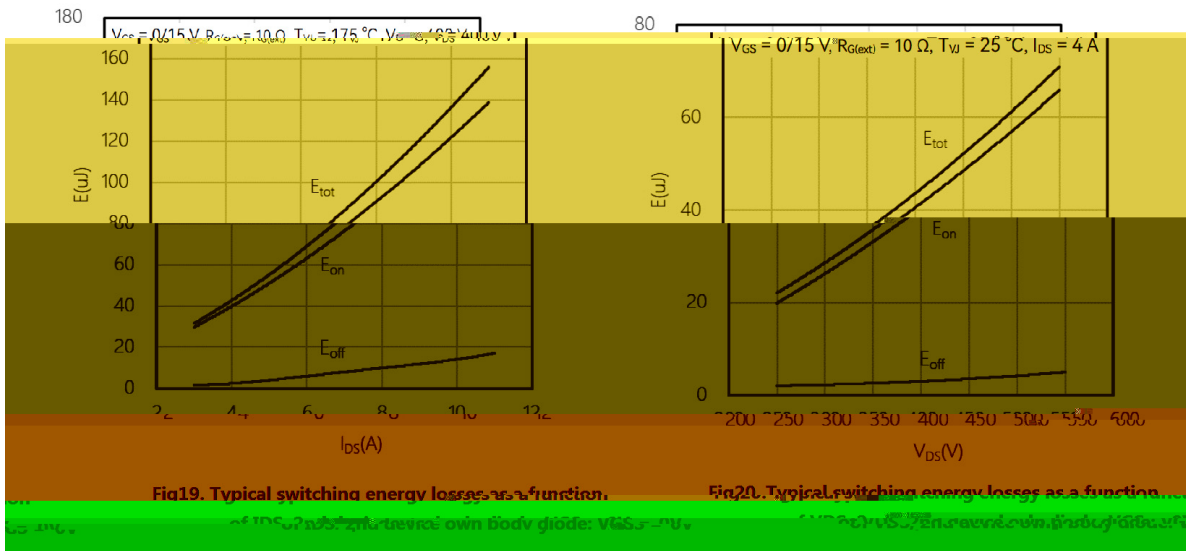


Fig18. Typical switching energy losses as a function gate resistance, 2nd device own body diode: VGS =



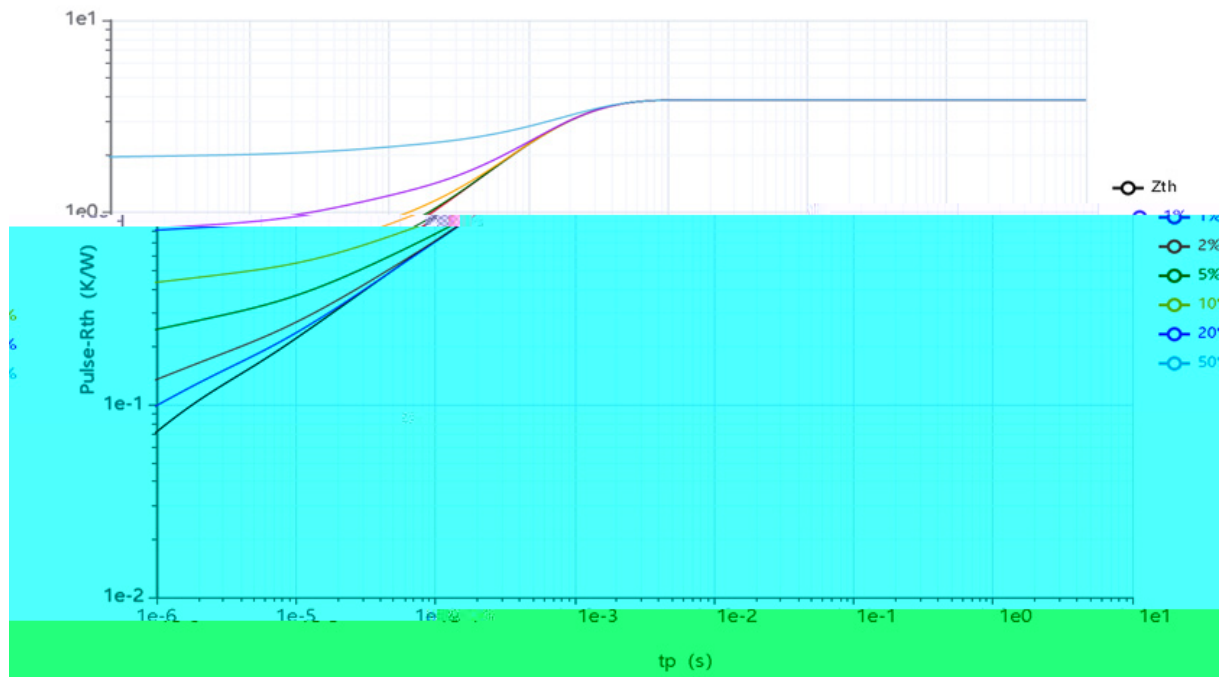
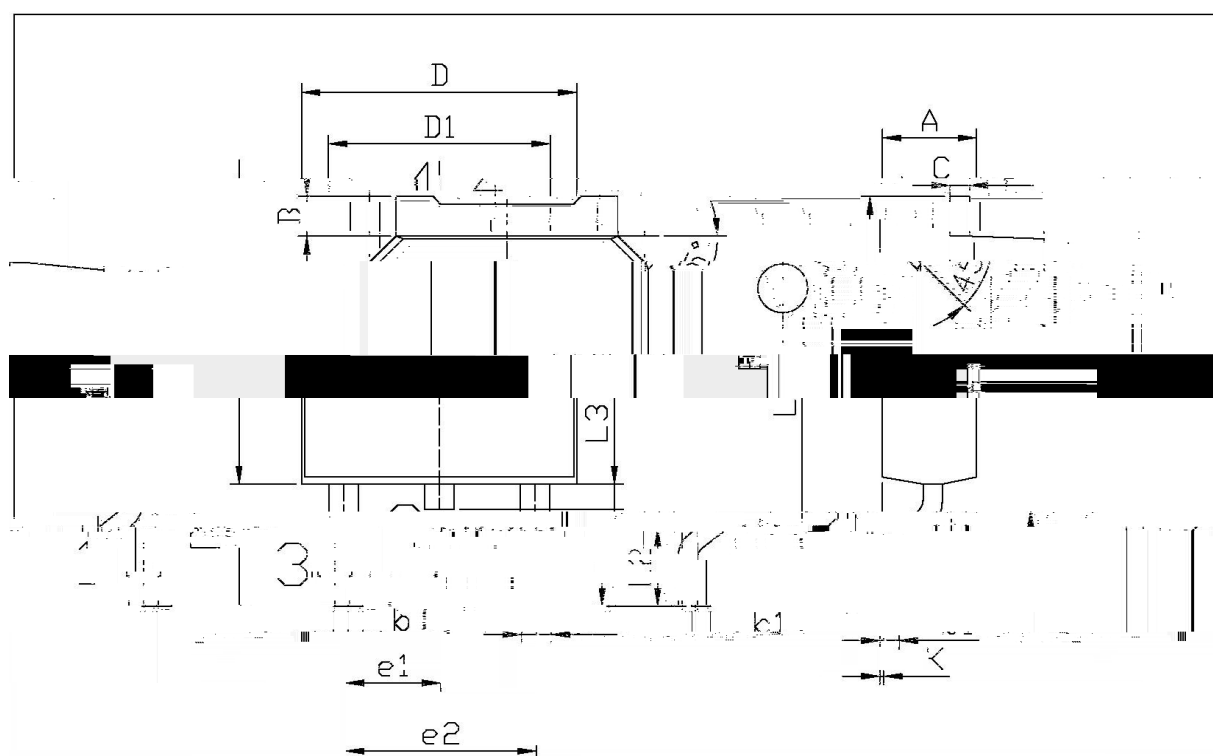


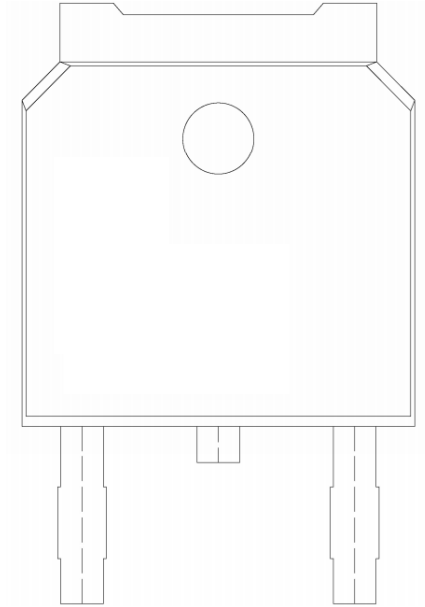
Fig24. Transient thermal resistance (MOSFET),



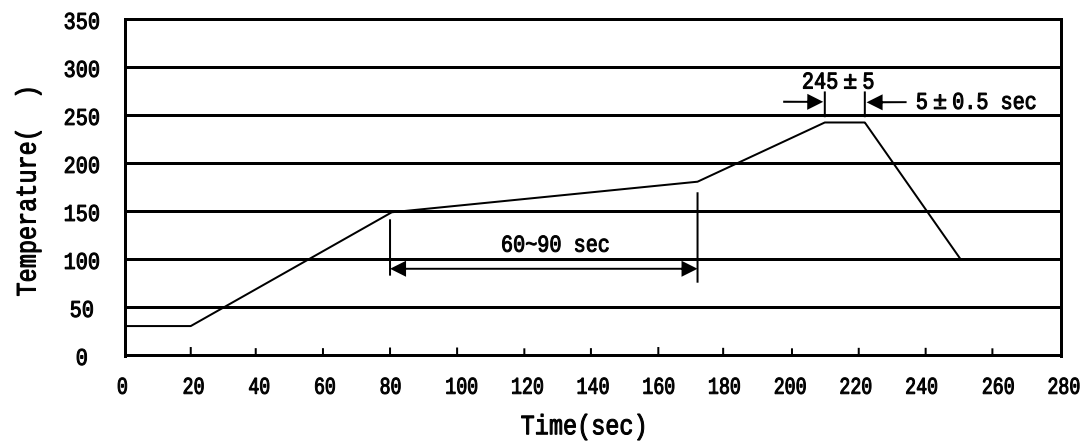
单位: mm

Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
5.95	5.90	6.95	2.20	2.10	2.40
e1	2.24	2.34	B	0.95	1.25
3.0	2.90	3.10	b1	0.45	0.55
L1	9.85	10.35	L2	7.00	7.50
0.790	0.780	0.800	D	6.45	6.75
0.50	0.48	0.52	J1	0.10	0.15

T0-252



Temperature Profile for IR Reflow Soldering(Pb-Free)



±

±

±

±

±

±

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box