

/ Descriptions

SiC

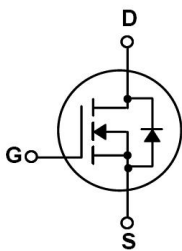
/ Features

$\leq$	Ω	Ω
$\leq$	Ω	Ω

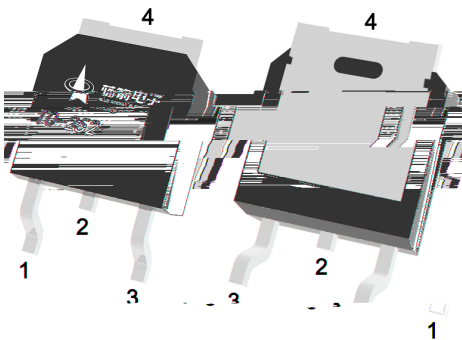
/ Applications

LED	PD	PC
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/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Tc=25)

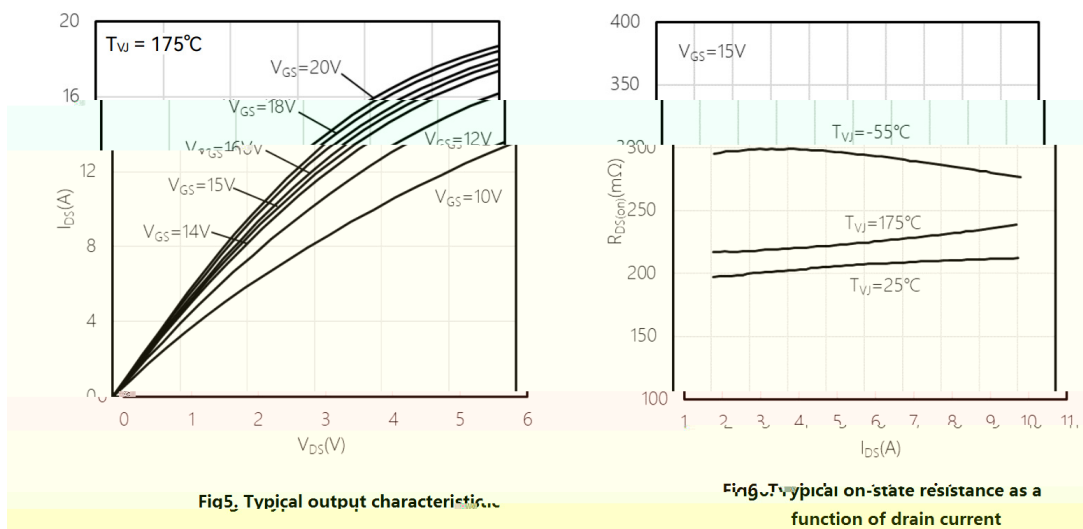
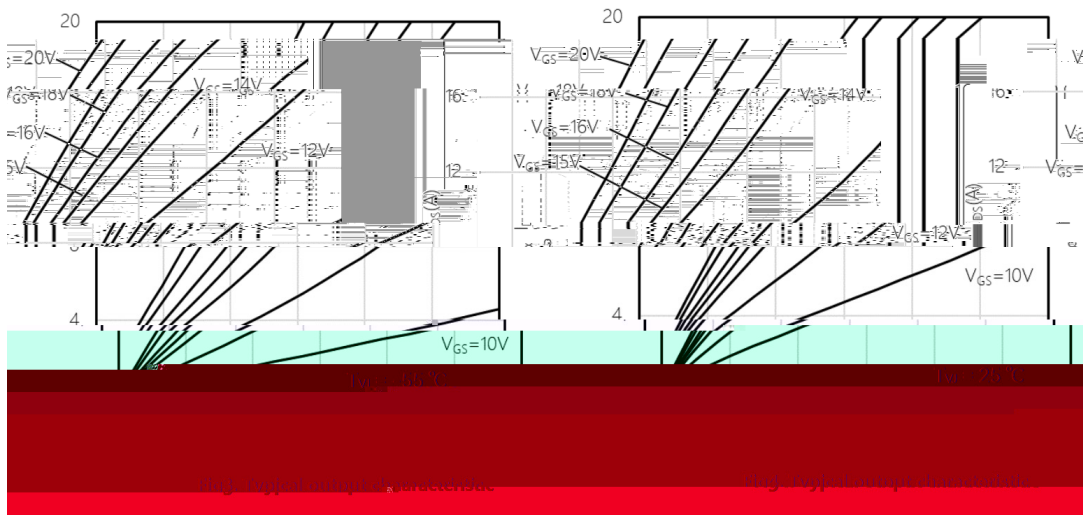
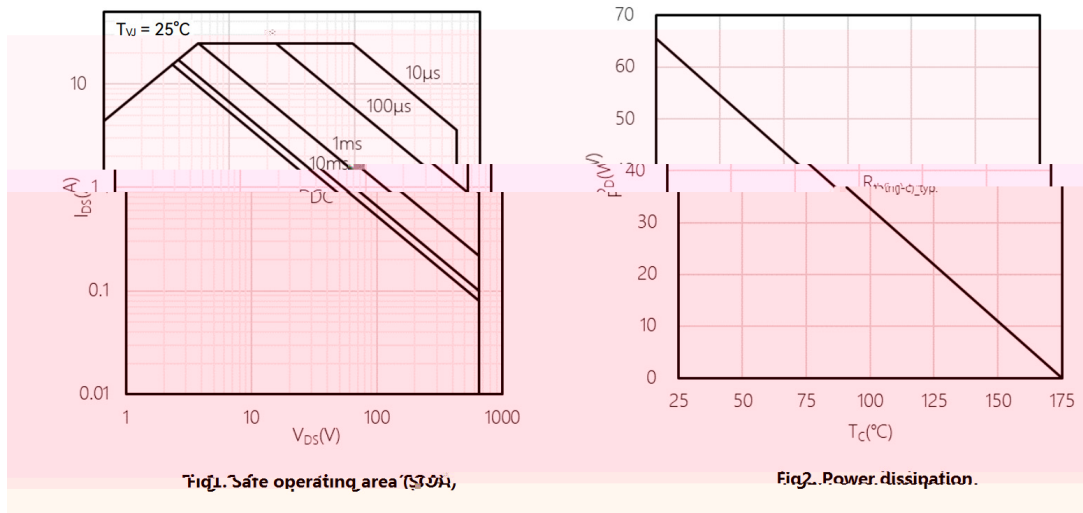
/ Electrical Characteristics(Tc=25)

		μ				
						μ
						Ω
						μ

/ Electrical Characteristics(Tc=25)

		μ				
-						μ
-						
						Ω

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

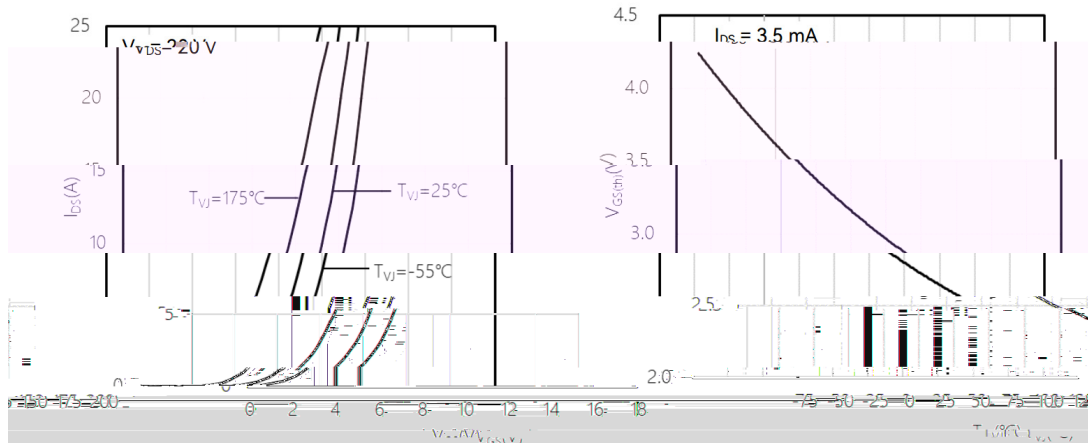
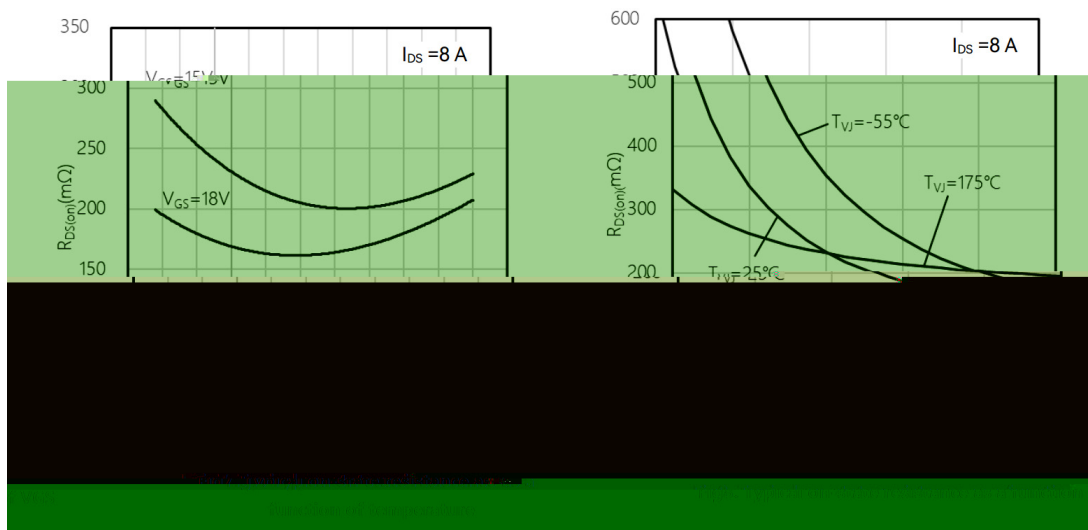
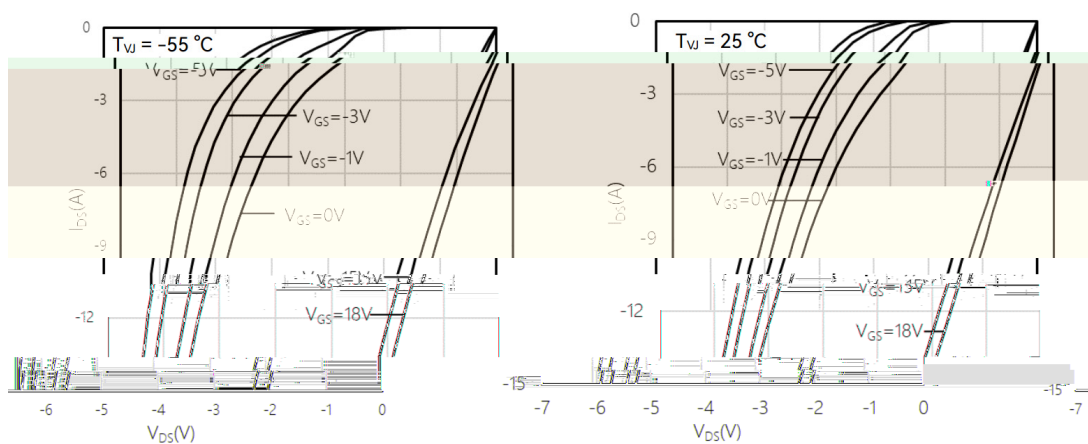
threshold voltage
temperature

Fig9. Typical transfer characteristic

Fig10. Typical gate-source
as a function of junctionFig11. Typical reverse drain current as function
of reverse drain voltageFig12. Typical reverse drain current as function
of reverse drain voltage

Fi

/ Electrical Characteristic Curve

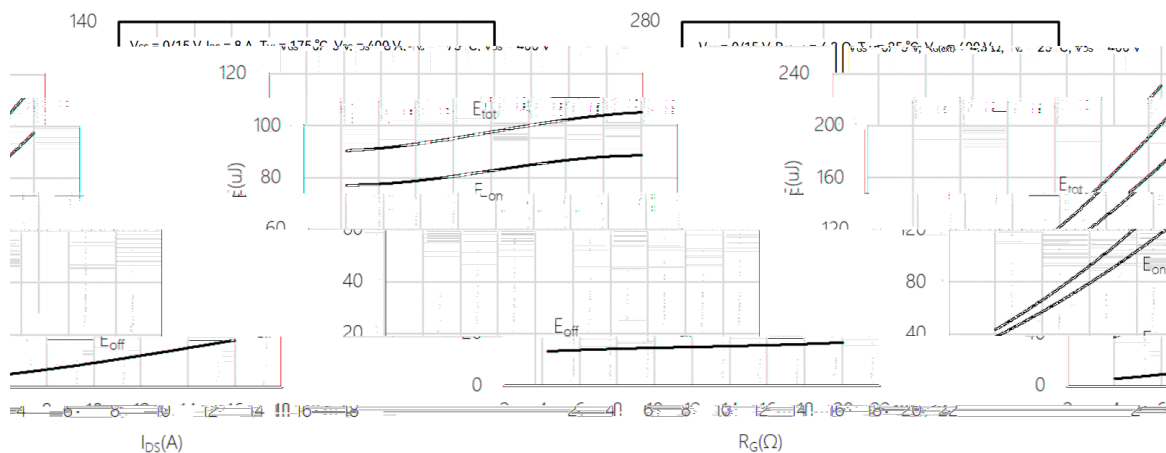
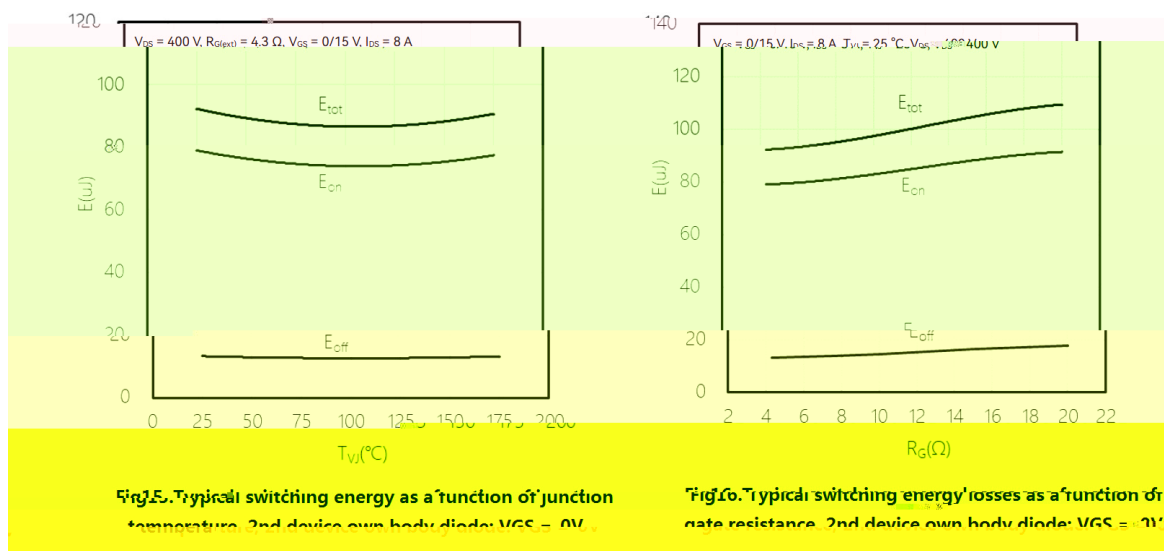
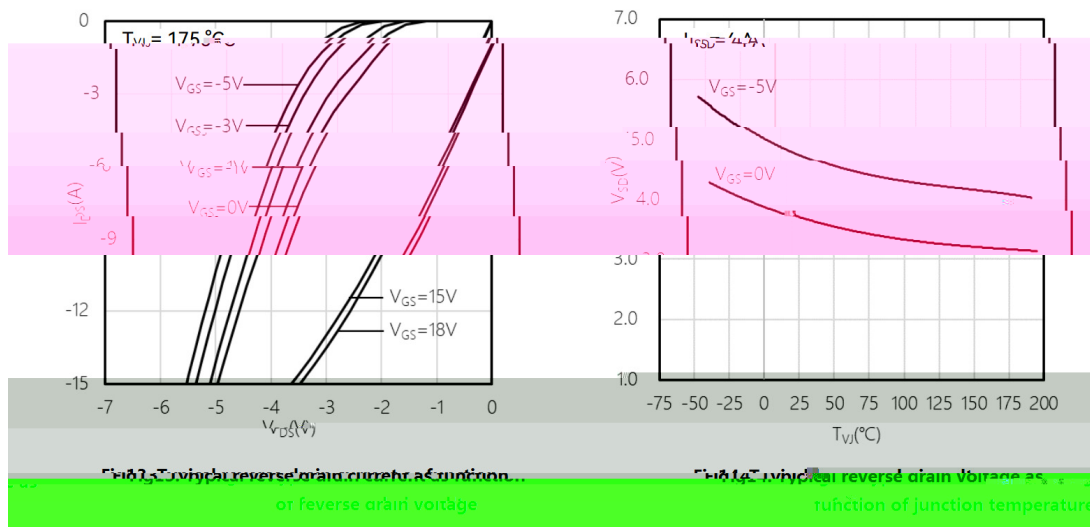
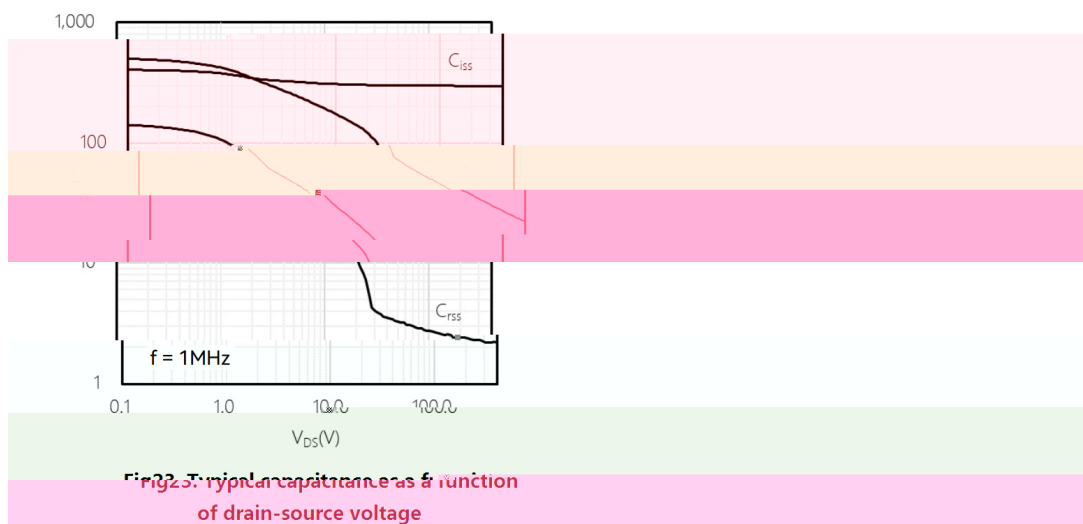
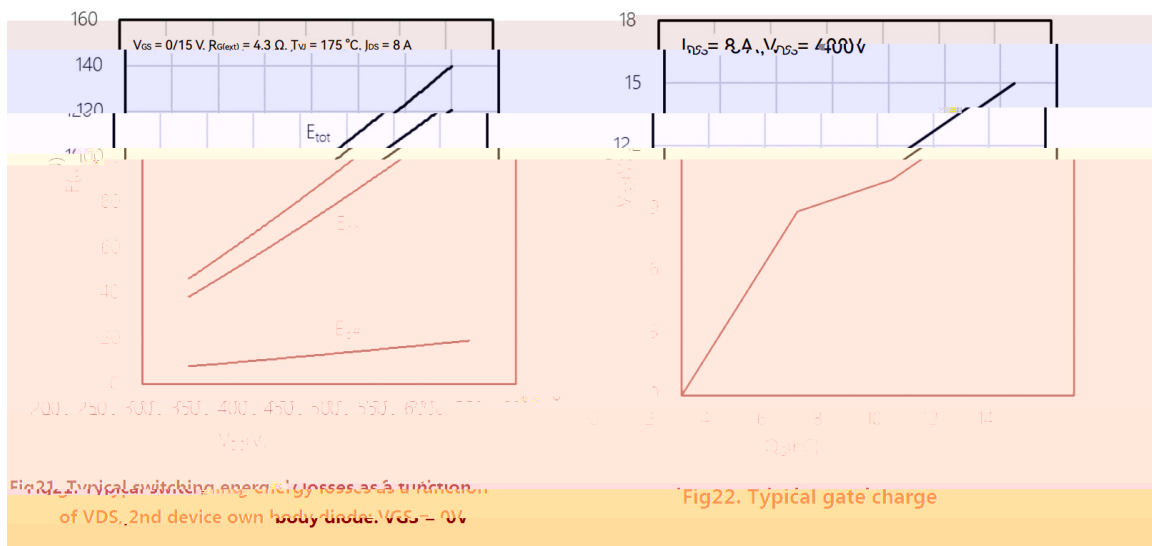
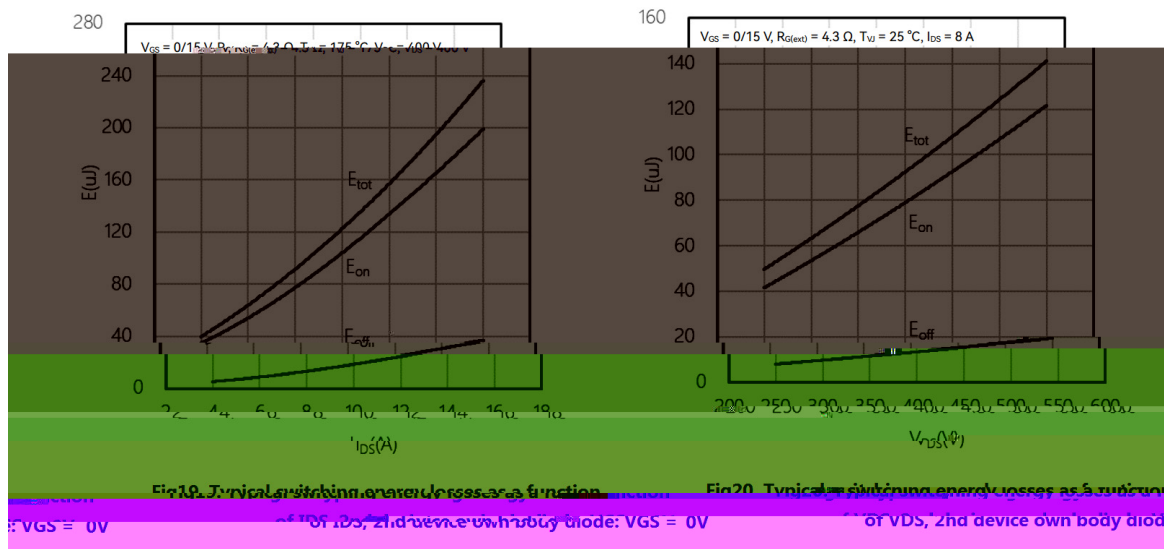


Fig15. Typical switching energy losses as a function of junction temperature, 2nd device own body diode: $V_{GS} = 0\text{V}$

Fig17. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: $V_{GS} = 0\text{V}$

Fig18. Typical switching energy losses as a function of I_{DS}

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

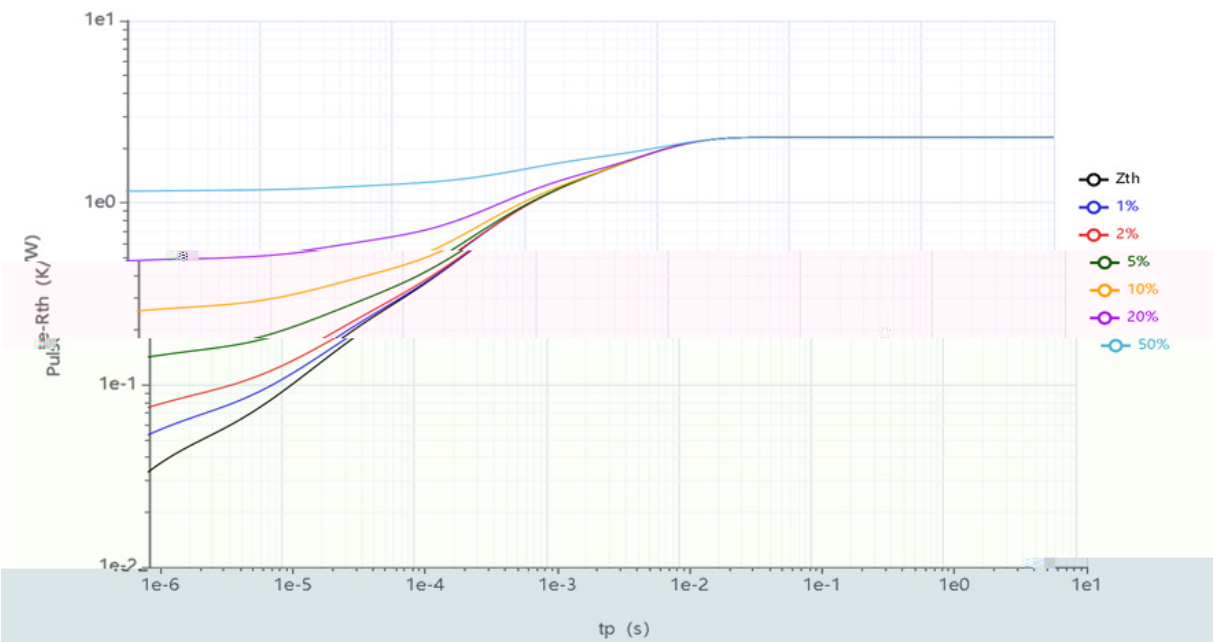
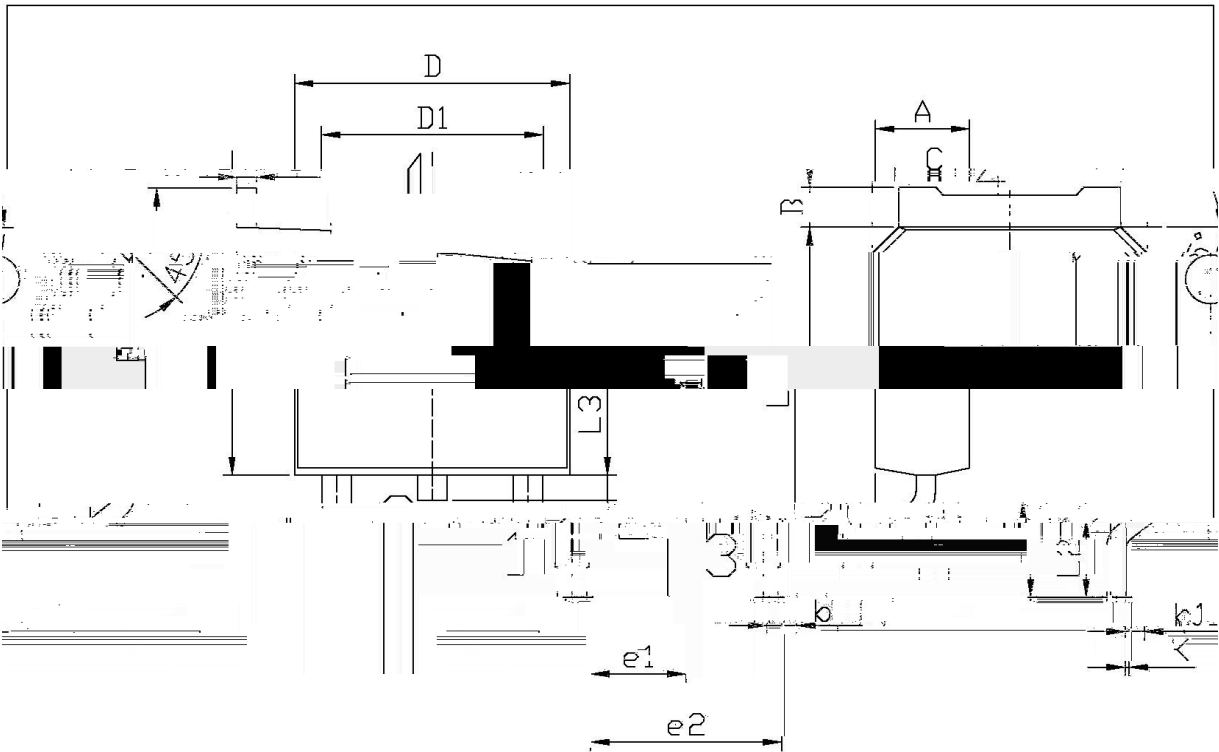


Fig24. Transient thermal resistance (MOSFET)

/ Package Dimensions



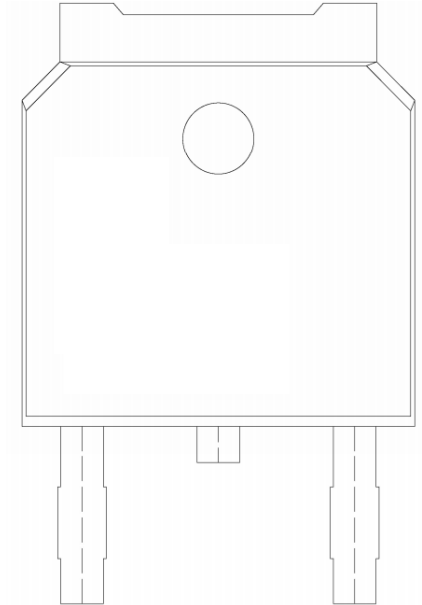
单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	6.25	6.40	e2	2.24	2.34
B	0.95	1.25	L1	9.85	10.35
C	0.70	0.80	L2	1.70	2.00
D	0.45	0.55	L3	6.45	6.75
D1	0.60	0.90			

32

T0=25

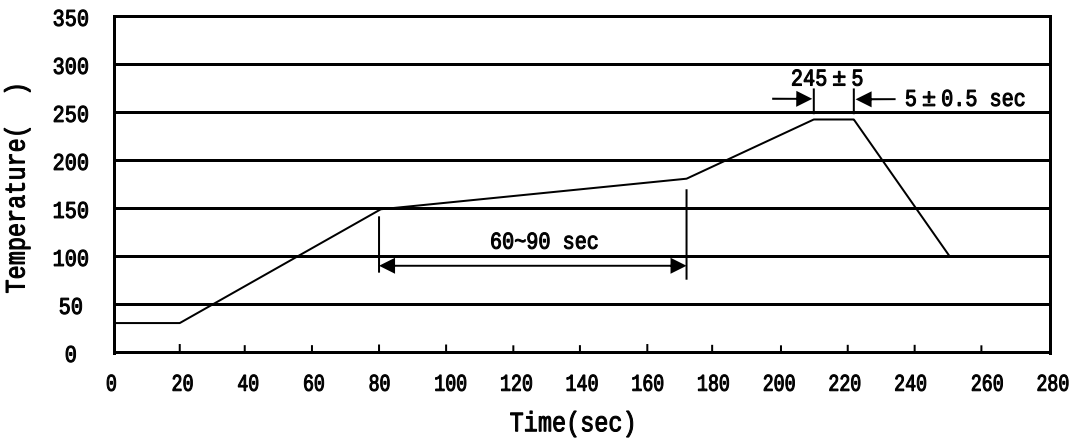
/ Marking Instructions



65R260Z

SC

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

	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

/ Notices