

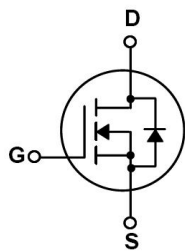
/ Descriptions

/ Features

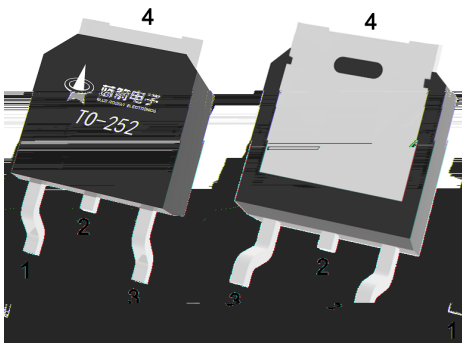
$\leq$	Ω	Ω
$\leq$	Ω	Ω

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

						μ
						Ω

/ Electrical Characteristics(Tc=25)

		μ				
-						μ
-						
						Ω

/ Electrical Characteristic Curve

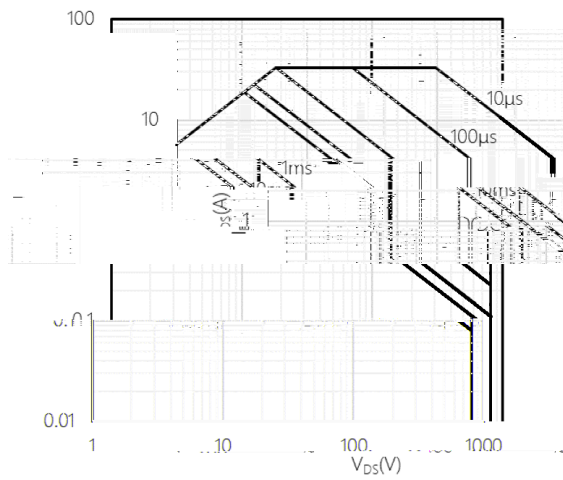


Fig1. Safe operating area (SOA)

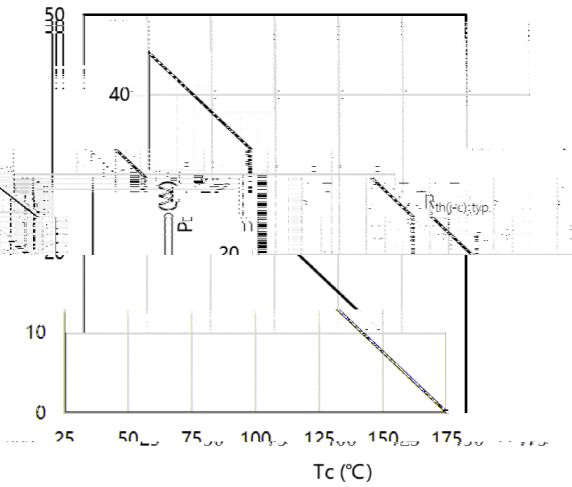


Fig2. Power dissipation

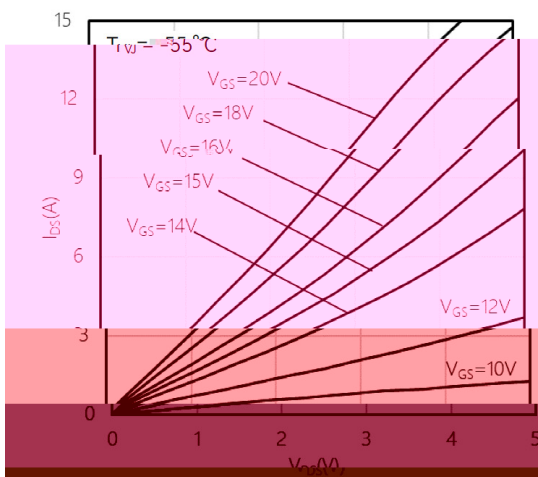


Fig3. Typical output characteristic

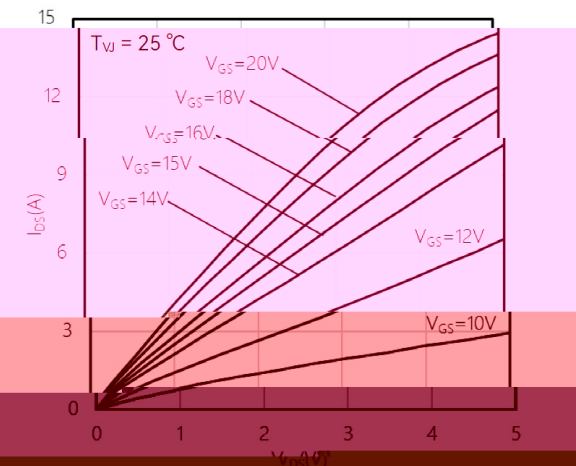


Fig4. Typical output characteristic

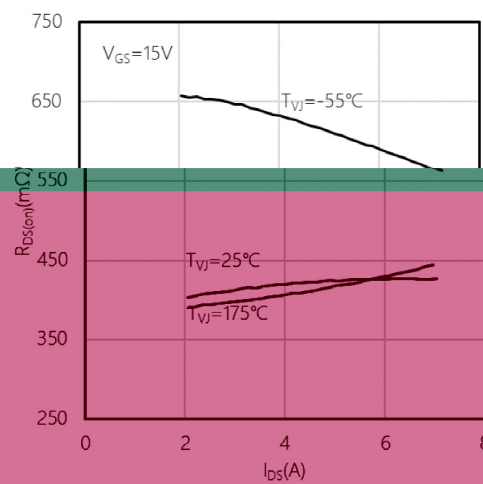
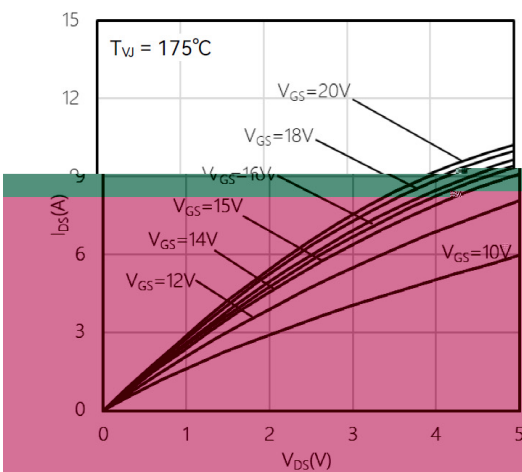
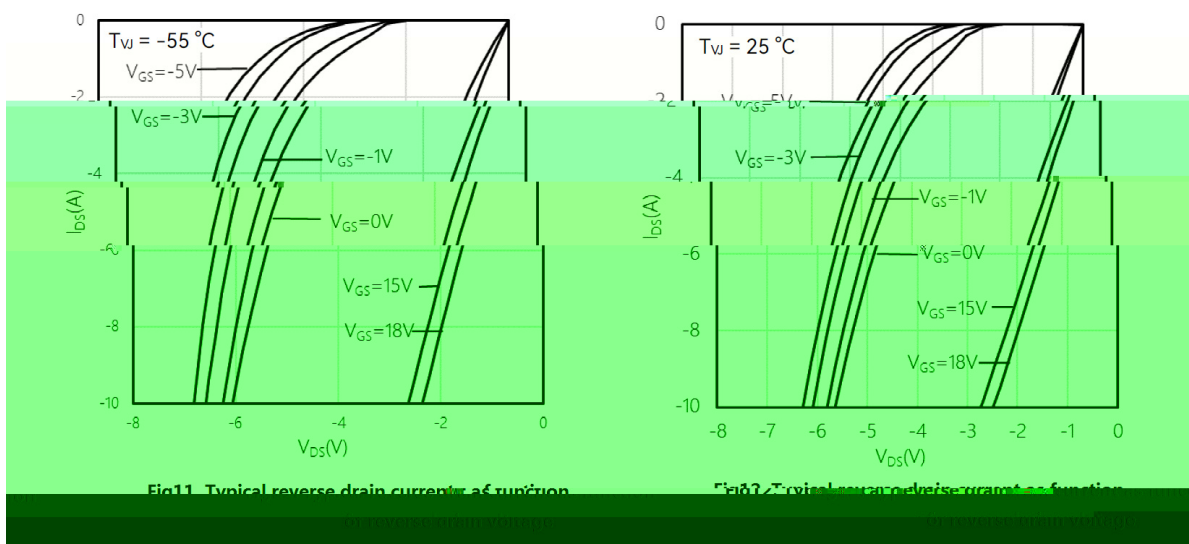
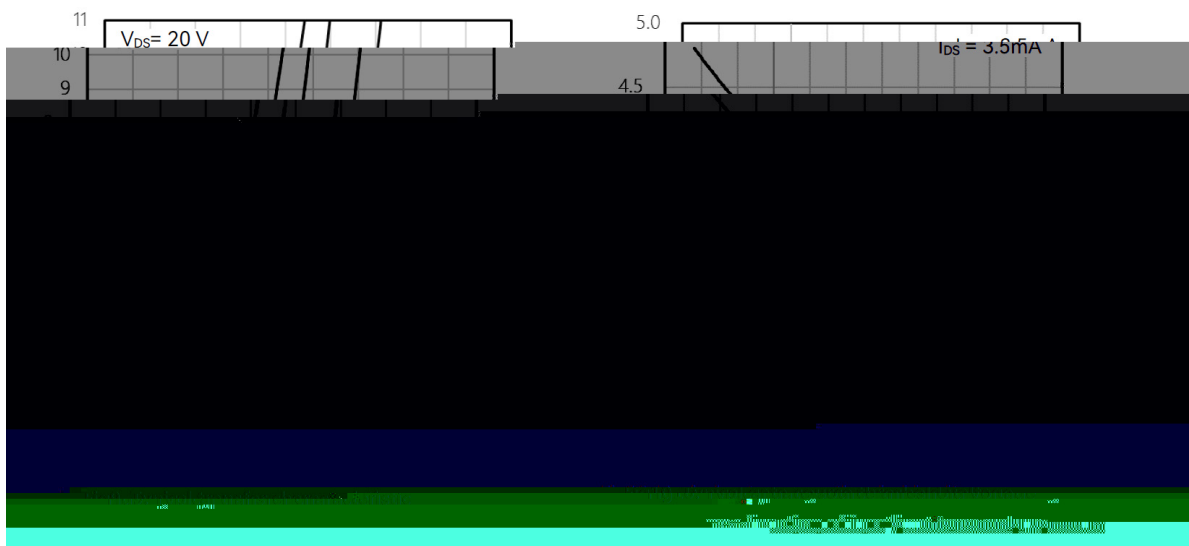
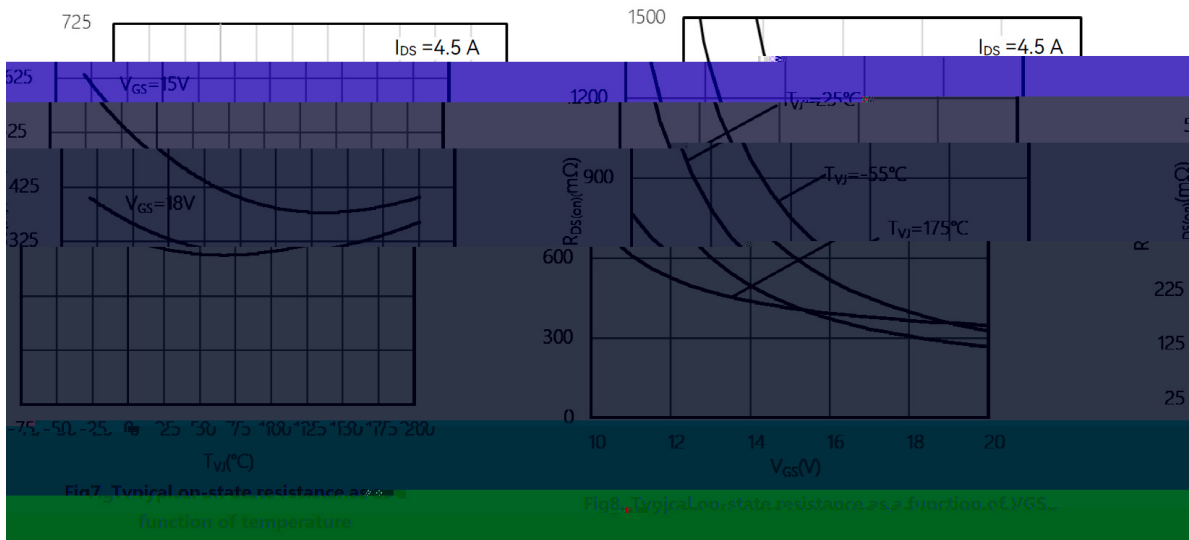


Fig6. Typical on-state resistance

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

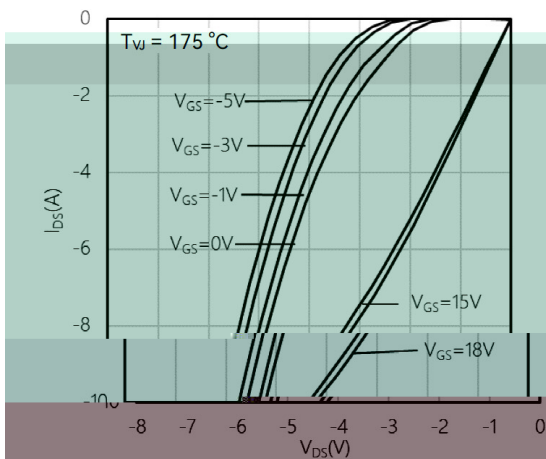


Fig13. Typical reverse drain current as function of reverse drain voltage

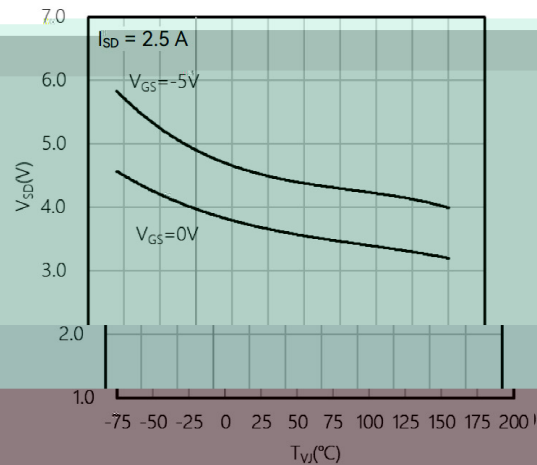


Fig14. Typical reverse drain voltage as function of junction temperature

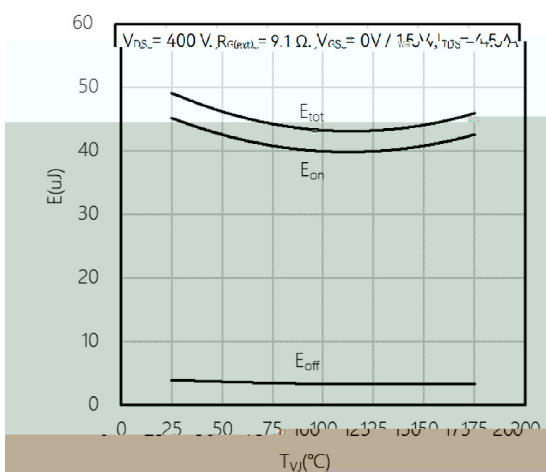


Fig15. Typical switching energy as a function of junction temperature, 2nd device own body diode: VGS = 0V

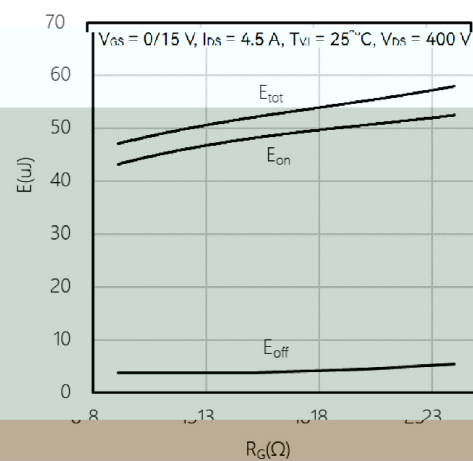


Fig16. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: VGS = 0V

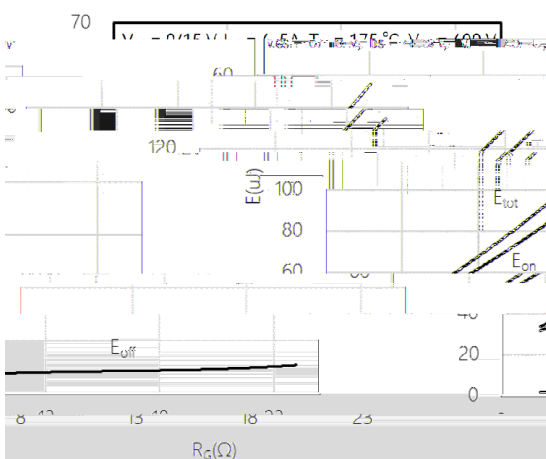


Fig17. Typical switching energy losses as a function of resistance, 2nd device own body diode: VGS = 0V

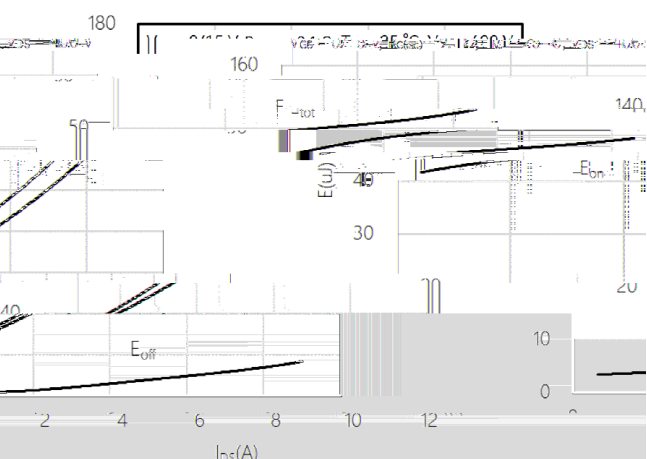


Fig18. Typical switching energy losses as a function of Ids, 2nd device own body diode: VGS = 0V



Fig19. Typical switching energy losses as a function of Ids, 2nd device own body diode: VGS = 0V

/ Electrical Characteristic Curve

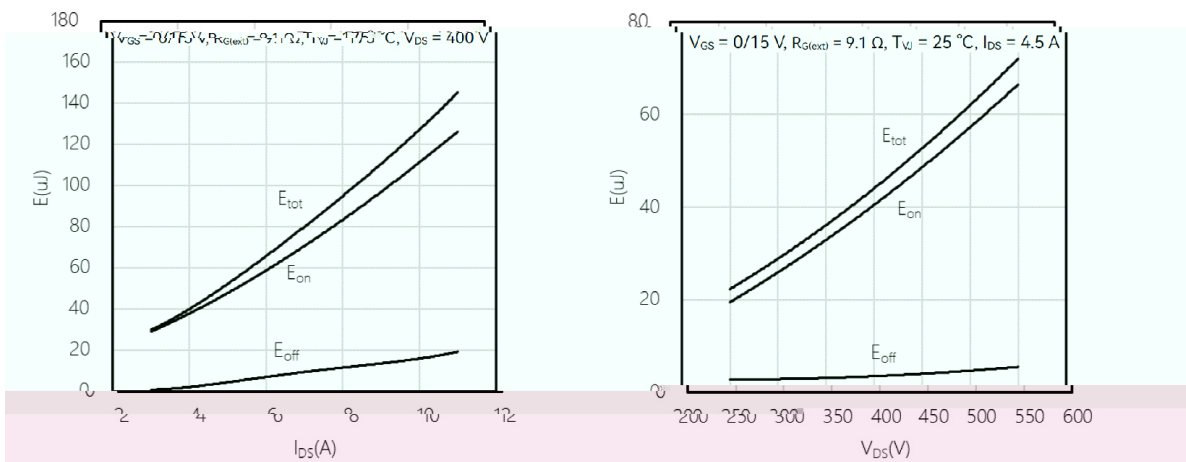


Fig. 20 Typical switching energy losses as a function of I_{DS} , 2nd device own body diode: $V_{GS} = 0V$

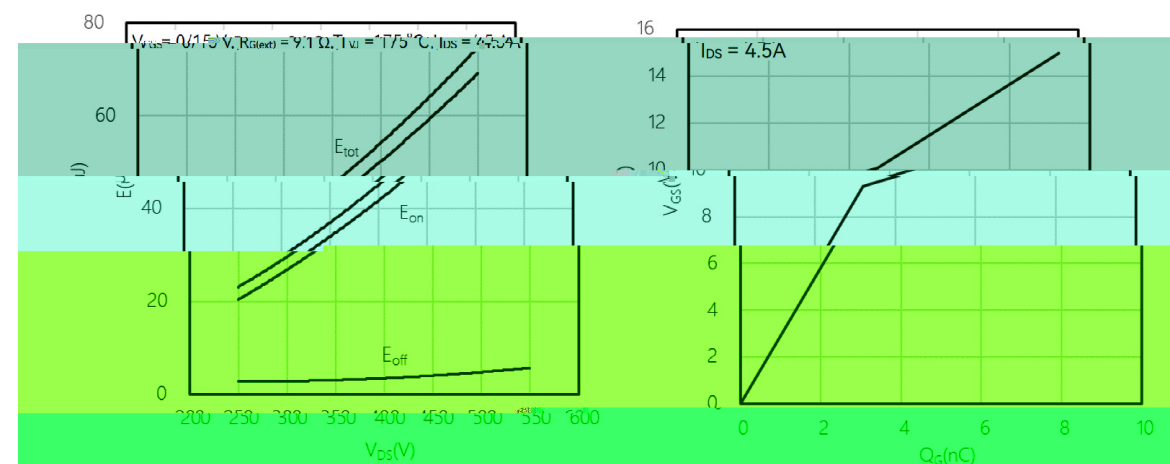


Fig21. Typical switching energy losses as a function of V_{DS} , 2nd device own body diode: $V_{GS} = 0V$

Fig22. Typical gate charge

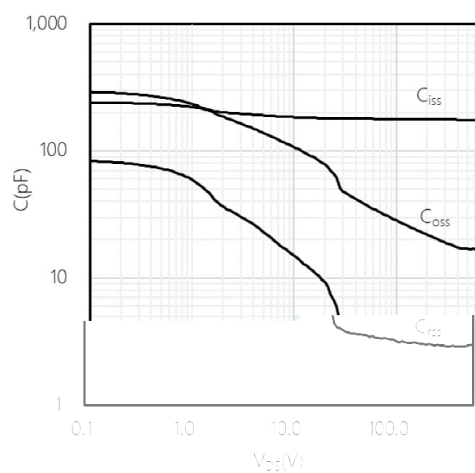
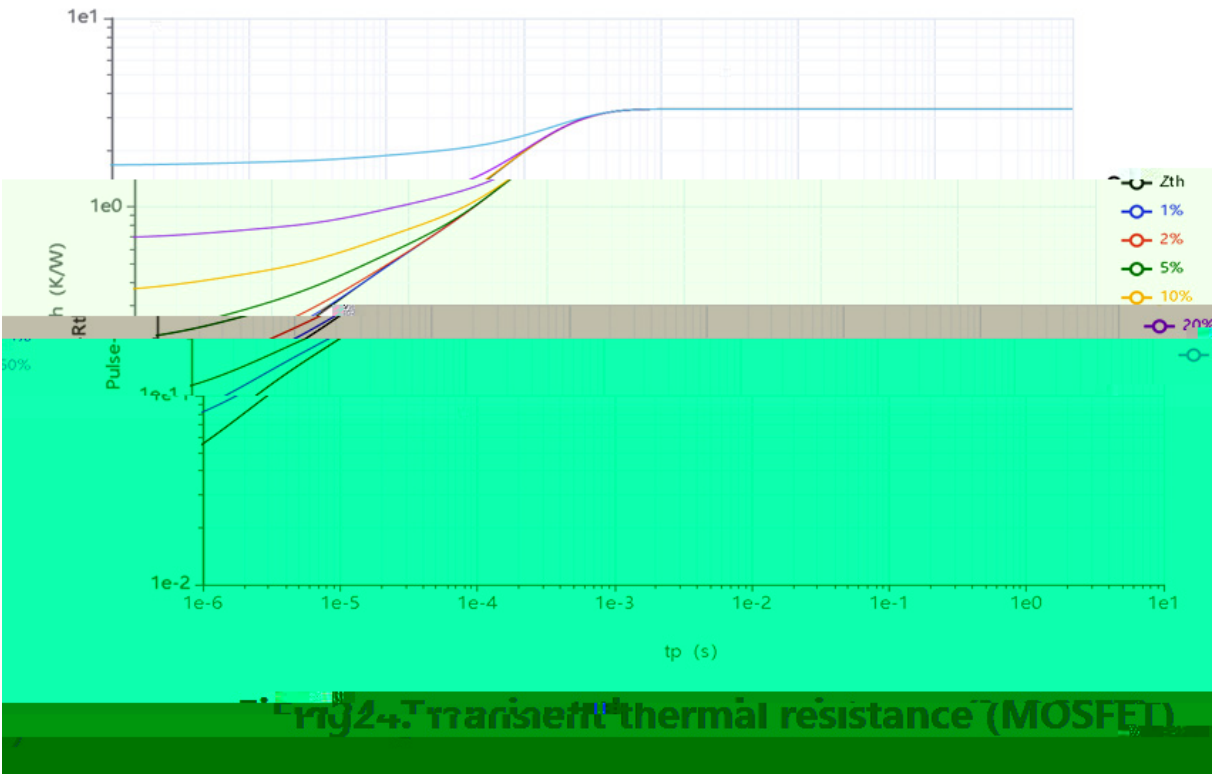
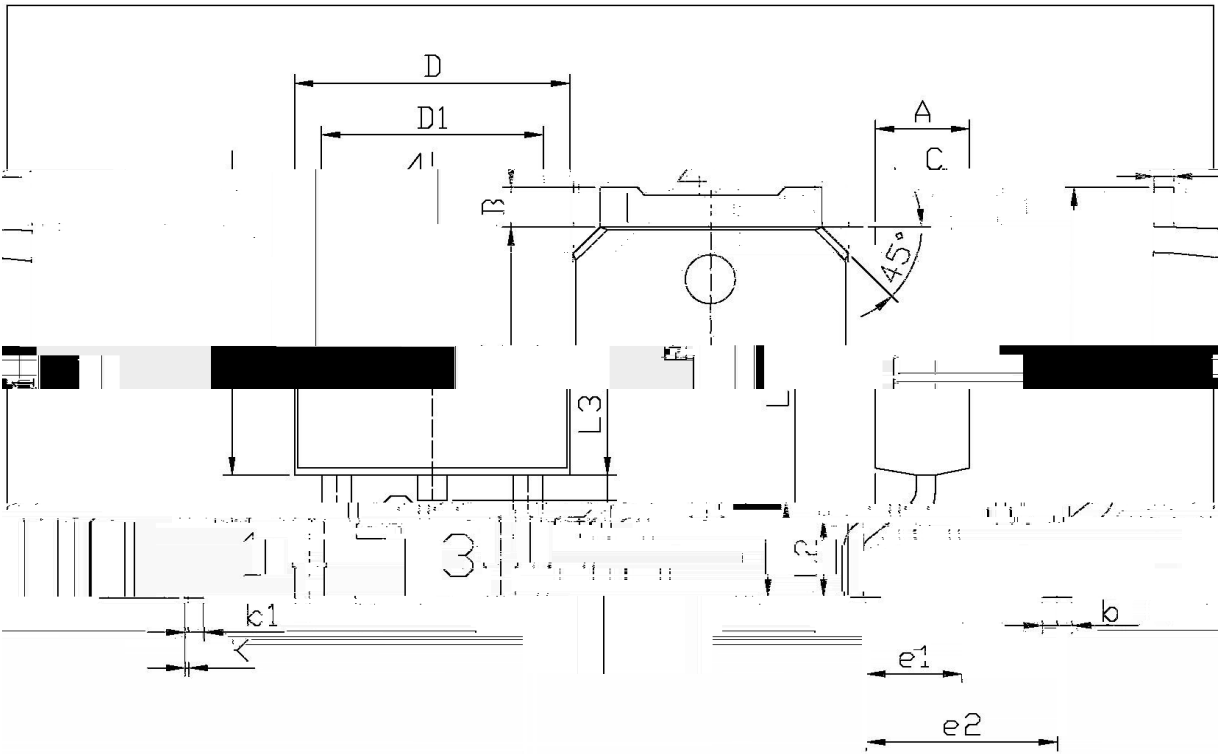


Fig23. Typical capacitance as a function of drain-source voltage

/ Electrical Characteristic Curve



/ Package Dimensions



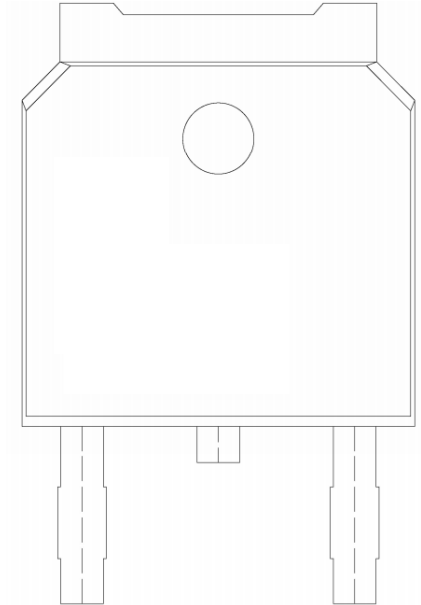
单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	6.25	7.25	E	2.40	5.95
B	2.34	2.54	e1	1.25	2.24
b	4.73	5.73	e2	0.90	4.43
b1	10.35	11.35	h1	0.55	9.85
C	0.45	0.55	J2	1.70	2.00
L3	0.60	0.90	D	6.45	6.75
K	0.00	0.10	D1	5.10	5.50

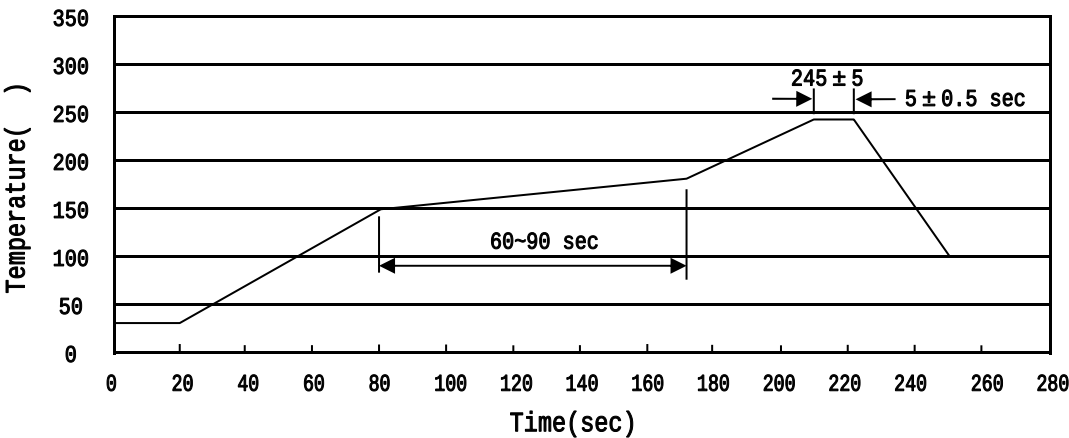
32

T0-2

/ Marking Instructions



() / 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