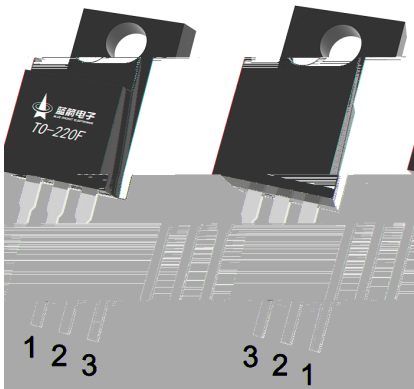
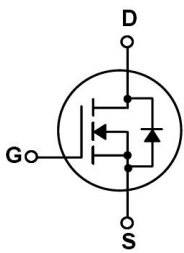


SiC

$\leq$	Ω	Ω
$\leq$	Ω	Ω

LED	PD	PC
-----	----	----



						μ
						Ω
						μ

		μ				μ
-						
-						

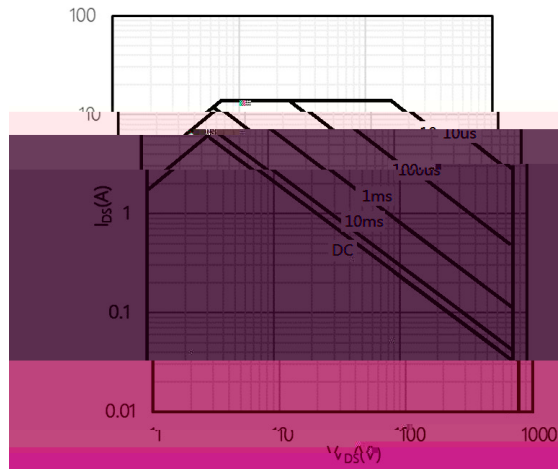


Fig1. Safe operating area (SOA)

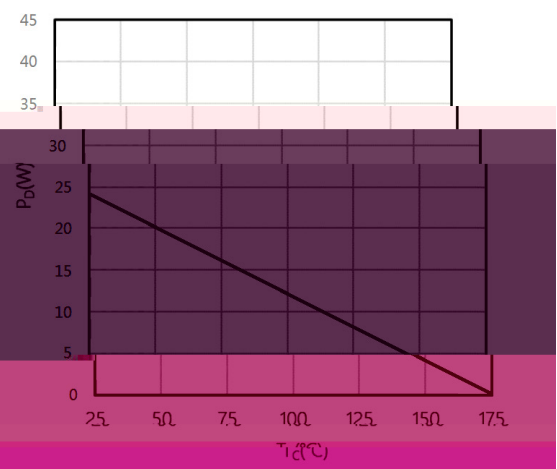


Fig2. Power dissipation

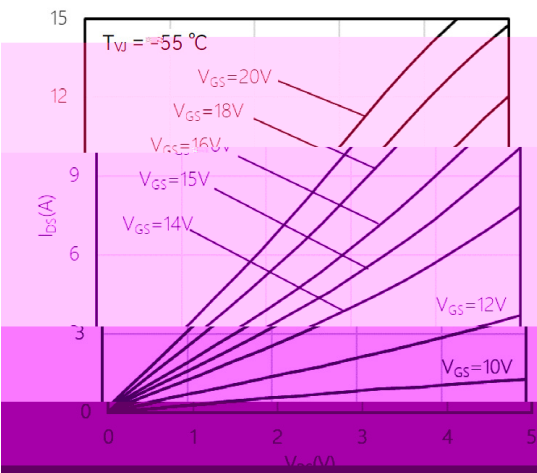


Fig3. Typical output characteristics

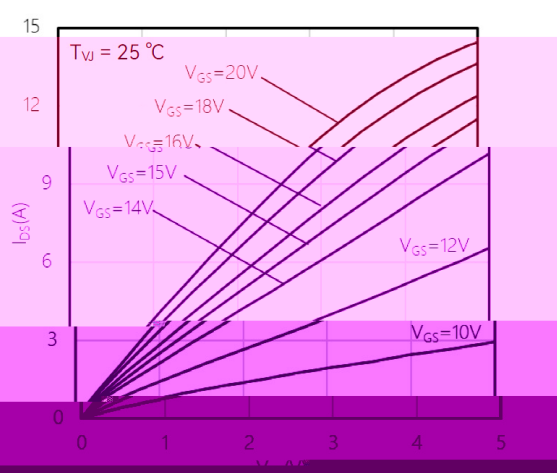


Fig4. Typical output characteristics

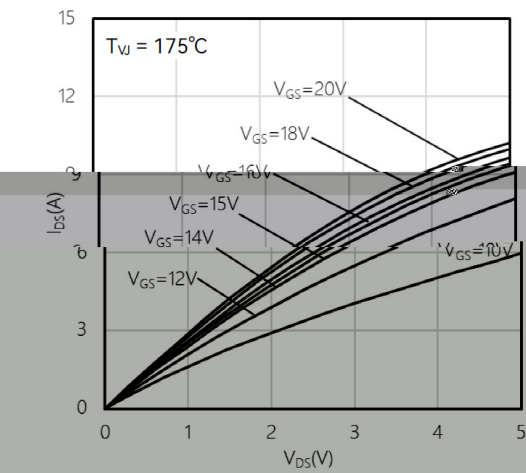


Fig5. Typical output characteristics

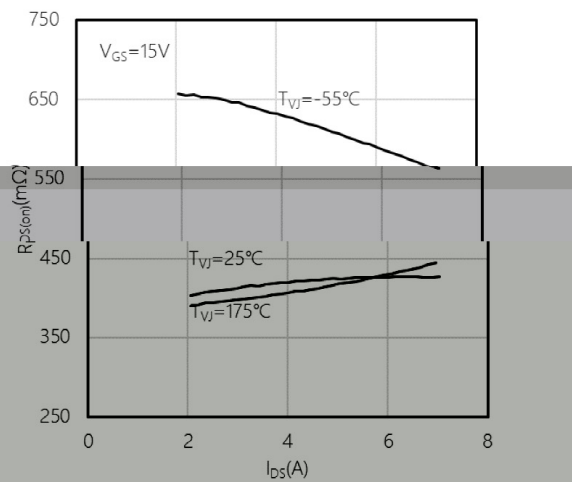


Fig6. Typical on-state resistance as a function of drain current

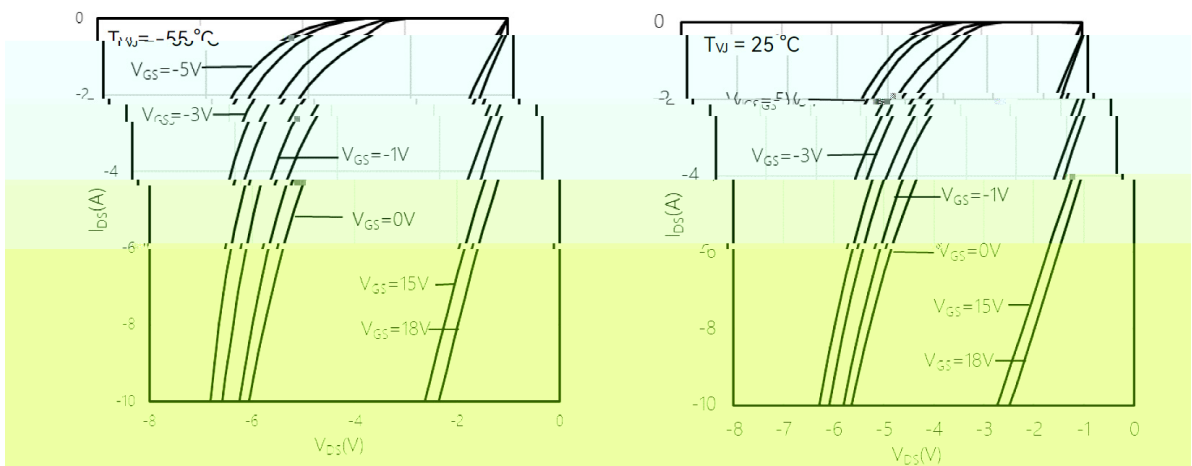
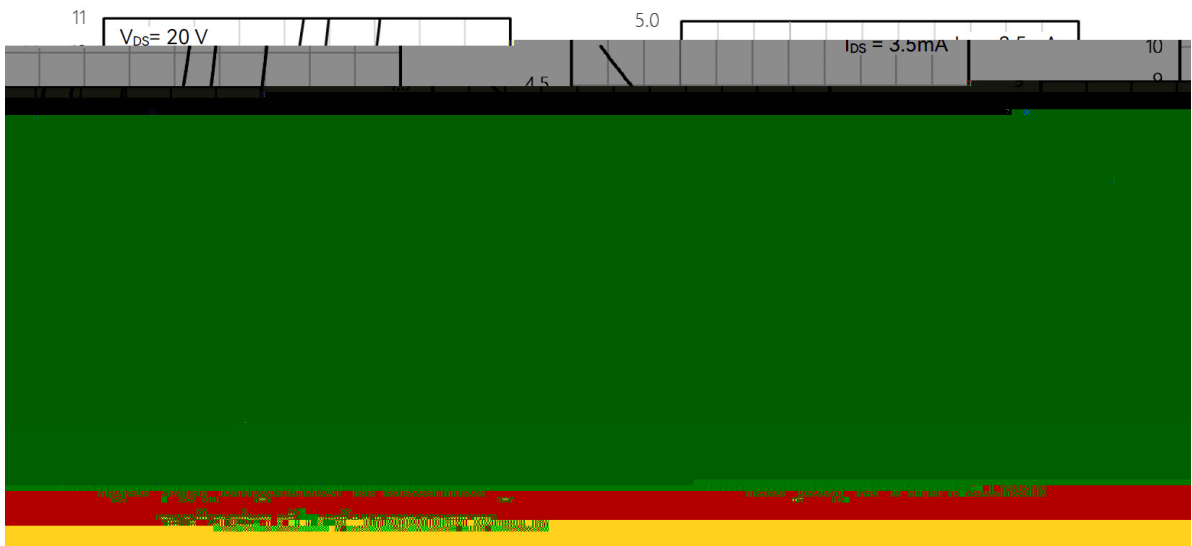
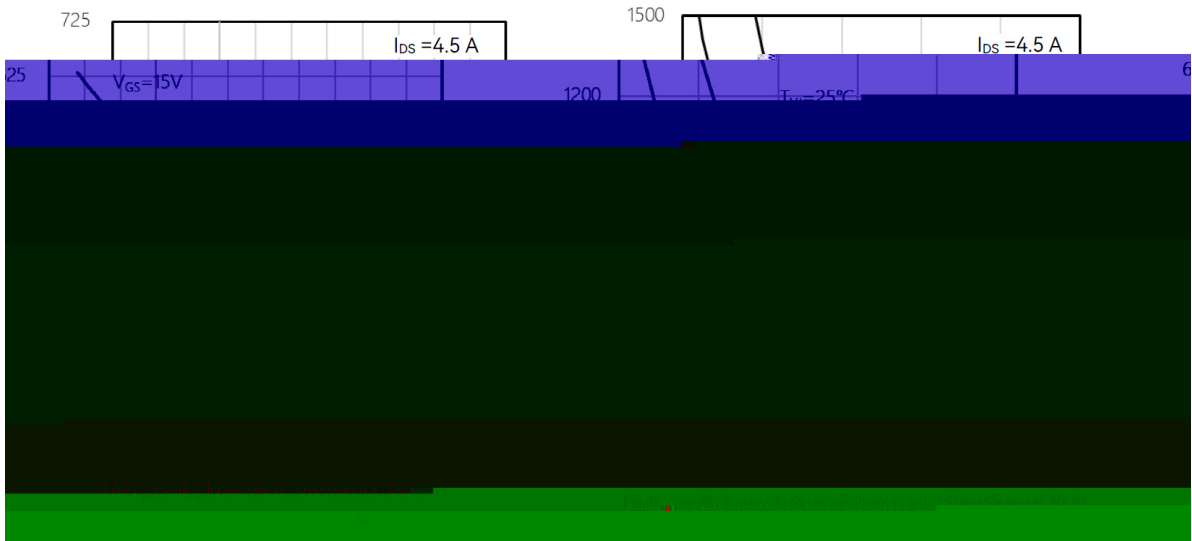


Fig11 Typical reverse drain current vs. reverse drain voltage
 Fig12 Typical reverse drain current vs. reverse drain voltage

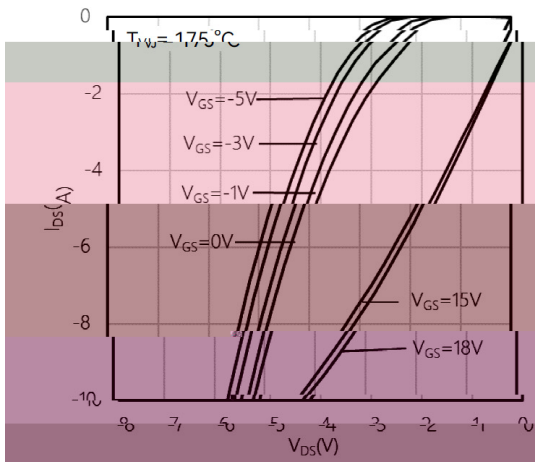


Fig13. Typical reverse drain current as function of reverse drain voltage

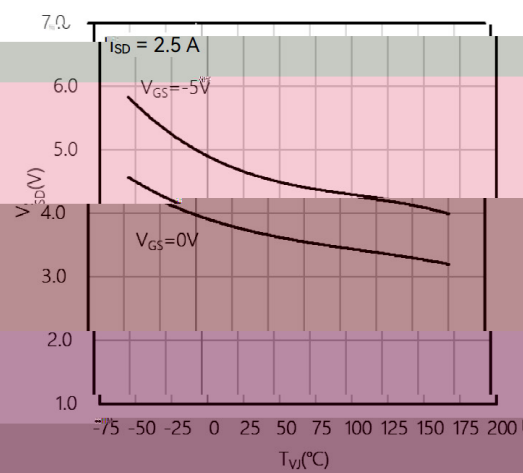


Fig14. Typical reverse drain voltage as function of junction temperature

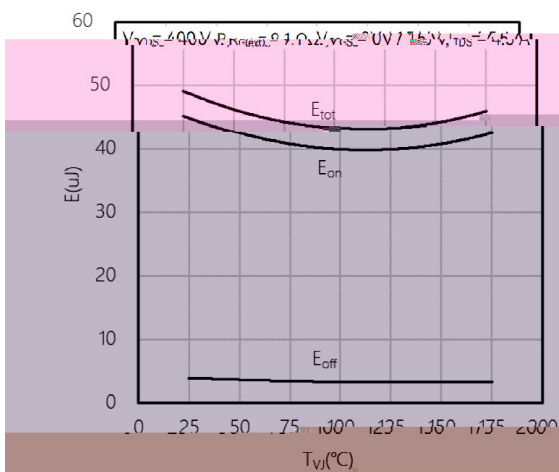


Fig15. Typical switching energy as a function of junction temperature, 2nd device own body diode: VGS = 0V

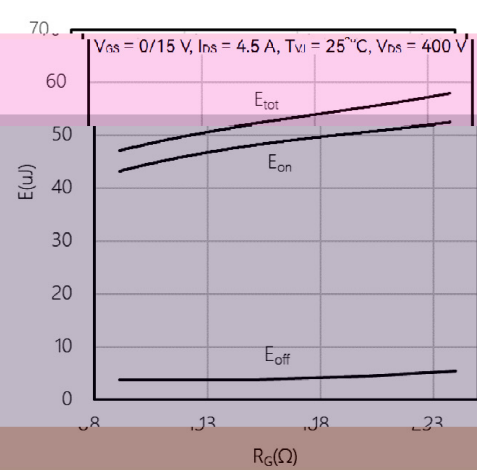


Fig16. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: VGS = 0V

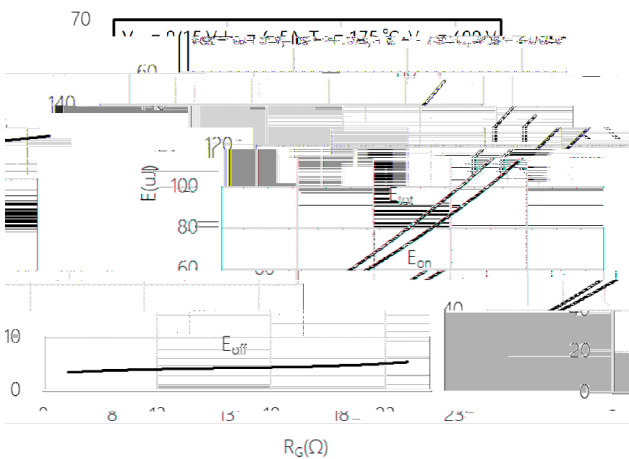


Fig17. Typical switching energy losses as a function of gate resistance, 2nd device own body diode: VGS = 0V

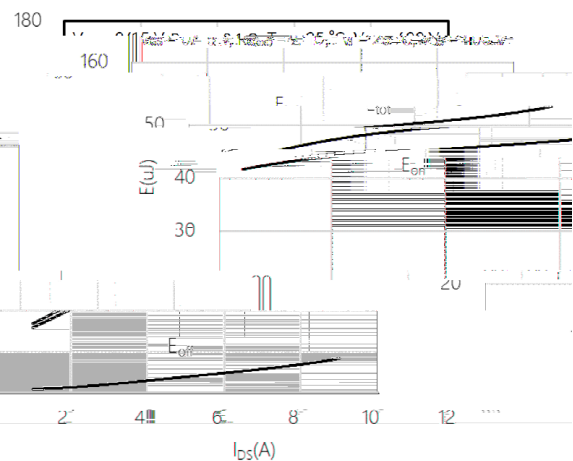


Fig18. Typical switching energy losses as a function of Ids, 2nd device own body diode: VGS = 0V

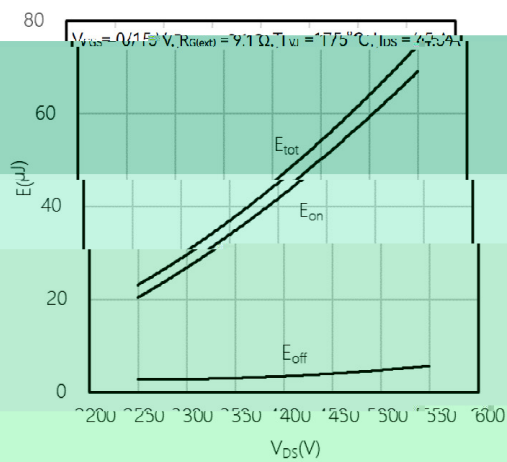
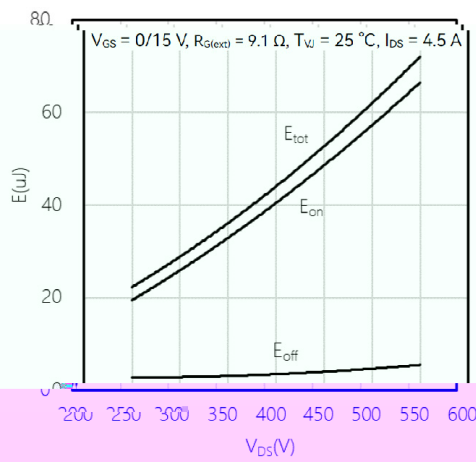
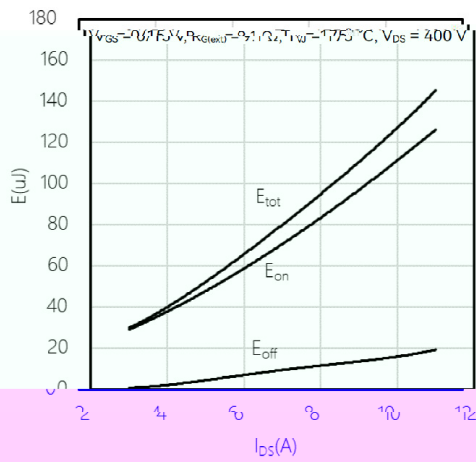


Fig21. Typical switching energy losses as a function of V_{DS} . 2nd device own body diode. $V_{GS} = 0V$

Fig22. Typical gate charge

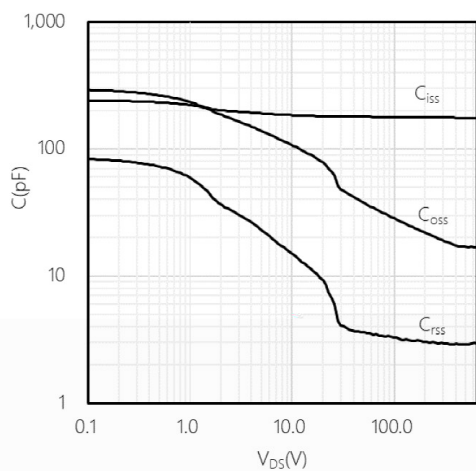


Fig23. Typical capacitance as a function of drain-source voltage

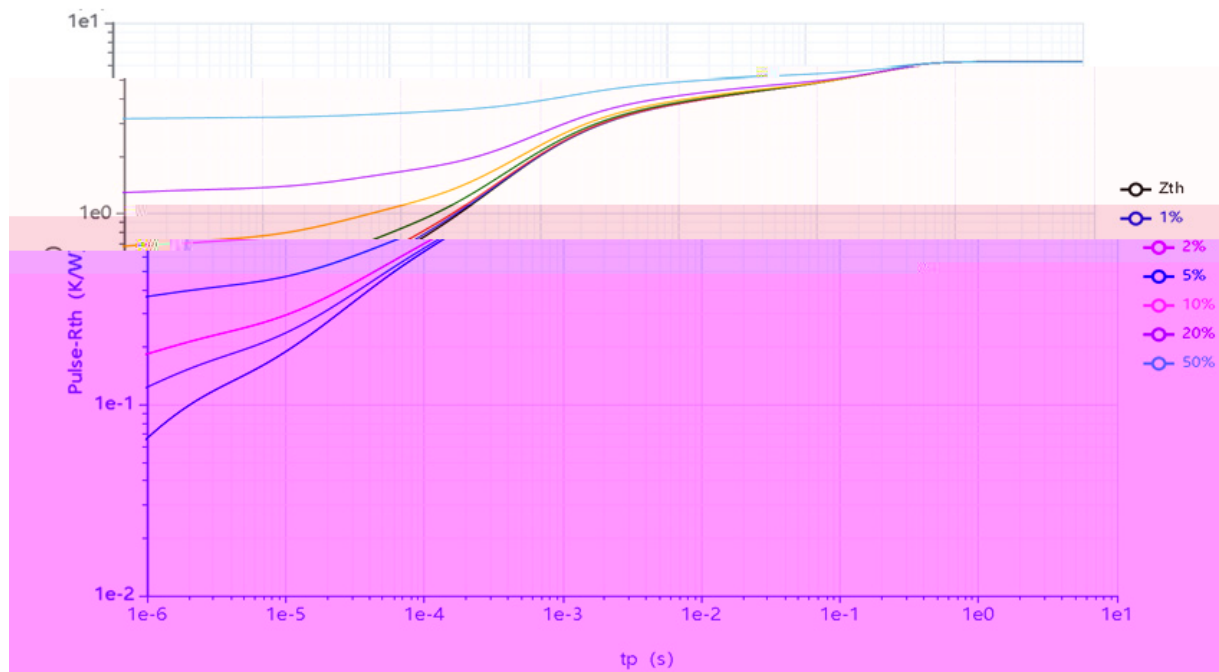
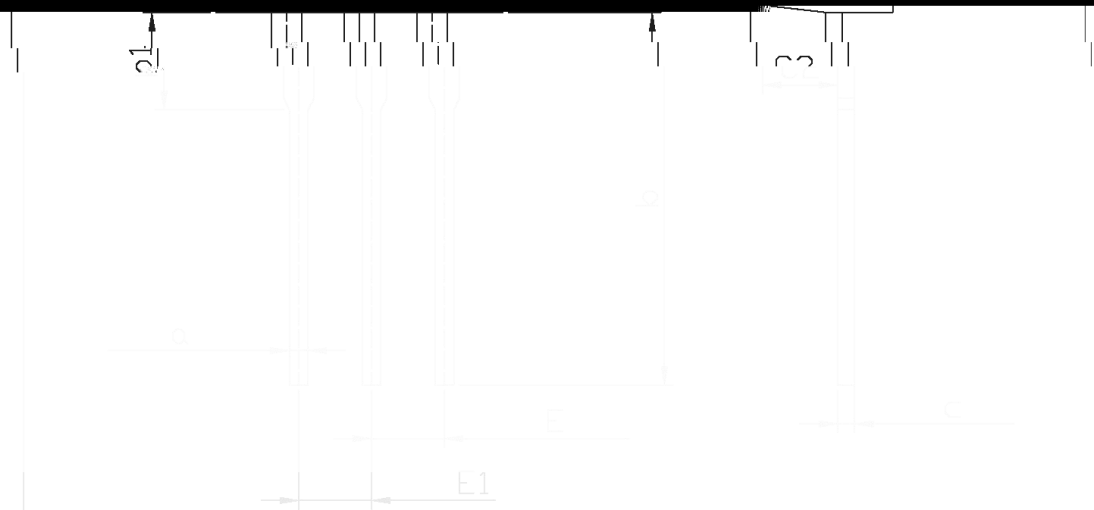


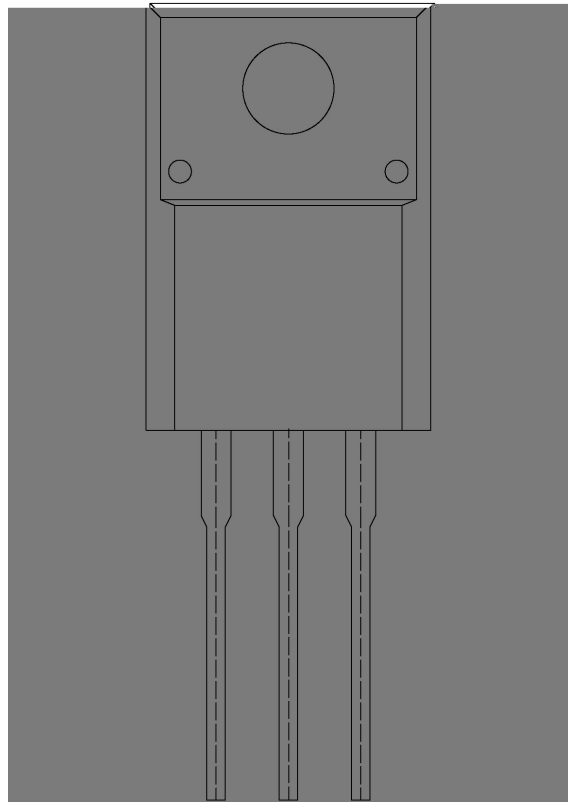
Fig 24. Transient thermal resistance (MOSFET)

T0-220F

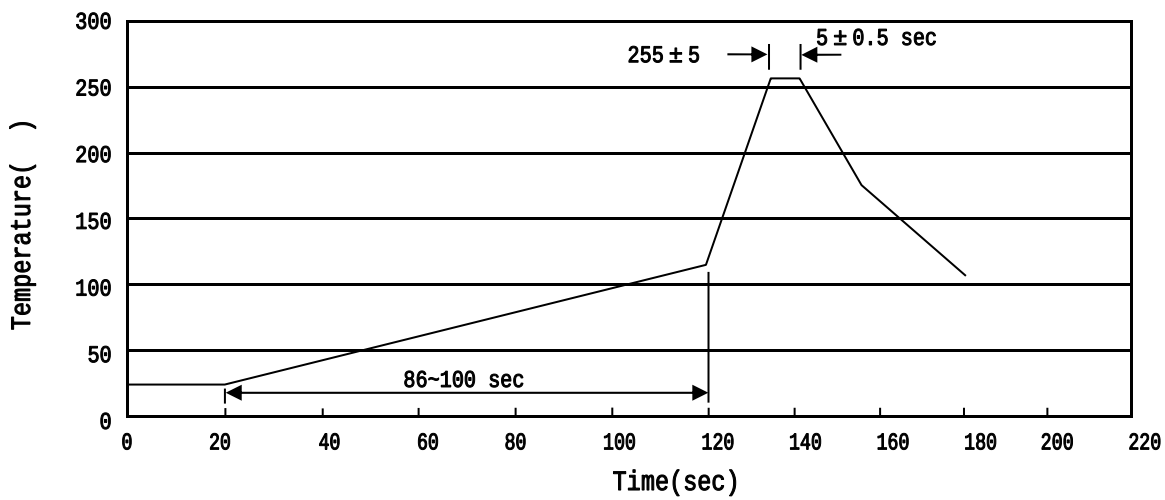
单位: mm



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
C	4.3	4.7	b1	2.9	3.9
A	9.7	10.3	a	0.55	0.75
B	14.7	15.3	E	2.29	2.79
b1	3.0	4.0	E1	2.29	2.79
R2	2.9	3.1	C1	2.5	2.9
R	3.0	3.4	C2	2.5	2.7
b	12.5	13.5	c	0.5	0.7



SC



±

±

±

±

±

±

	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box

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