

v "Q Sdud p hwhu		Y N V per 0	"Q Ö Udwlq j	D H Xqlw
Gudlq0Vr xufh Y rowd j h		Y _{GW}	53	Y
Gudlq Fxuuhqw		L _G +Wf@58 † ,	76	D
Gudlq Fxuuhqw 0 Sxovhg		L _G P	43 :	D
Jdwh0Vr xufh Y rowd j h		Y _{JV}	° 45	Y
Dyd0dqfkh Fxuuhqw		L _{DV}	4518	D
Vlq j oh Sxovhg Dyd0dqfkh Hqhu j		H _{DV}	444	pM
Sr z hu Glwlstdwl r q		S _G +Wf@58 † ,	5 ;	Z
Mxqfwl r q Wh p shudwxuh Udq j h		W _i	483	†
Vw rud j h Wh p shudwxuh Udq j h		W _{wj}	088 K 483	†
P d{I p x p Mxqfwl r q0wr 0D p elhqw	wV43v	U _{OMD}	83	† 2 Z
	Vwhdg 0Vwdwh		: 3	
P d{I p x p Mxqfwl r q0wr 0Fdvh		U _{OMF}	718	† 2 Z

v "Q Parameter	Y N Symbol	Test Conditions	Min	Typ	Max	D H Unit
Drain-Source Breakdown Voltage	BV _{DSS}	V _{GS} =0V I _D =250μ				

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	t _{d(on)}	V _{DS} =10V V _{GS} =10V R _L =1.0Ω R _{GEN} =3.0Ω		2.5		ns
Turn-On Rise Time	t _r			7.2		
Turn-Off Delay Time	t _{d(off)}			49		
Turn-Off Fall Time	t _f			10.8		
Total Gate Charge	Q _{g(4.5V)}	V _{DS} =10V V _{GS} =4.5V I _D =12.0A		17.9		nC
Gate-Source Charge	Q _{gs}			1.5		
Gate-Drain Charge	Q _{gd}			4.7		

/ Electrical Characteristic Curve

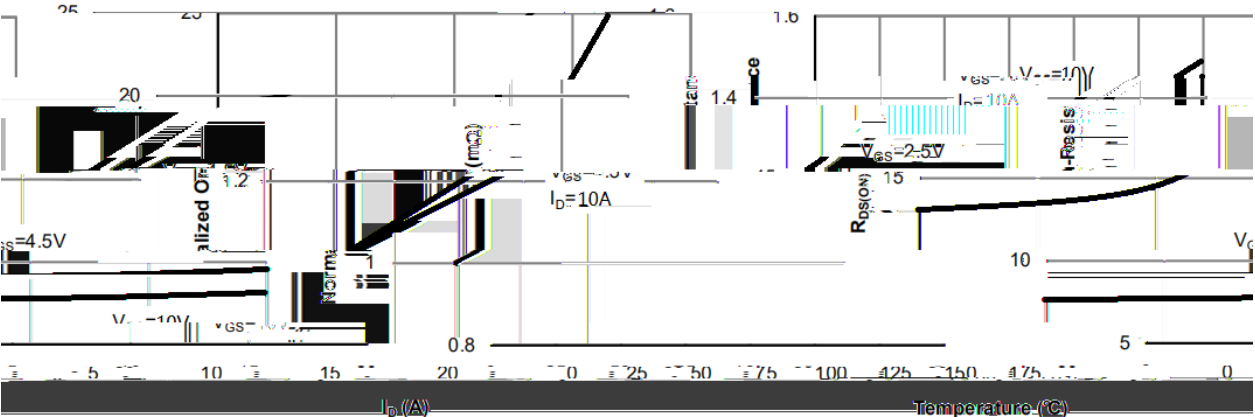
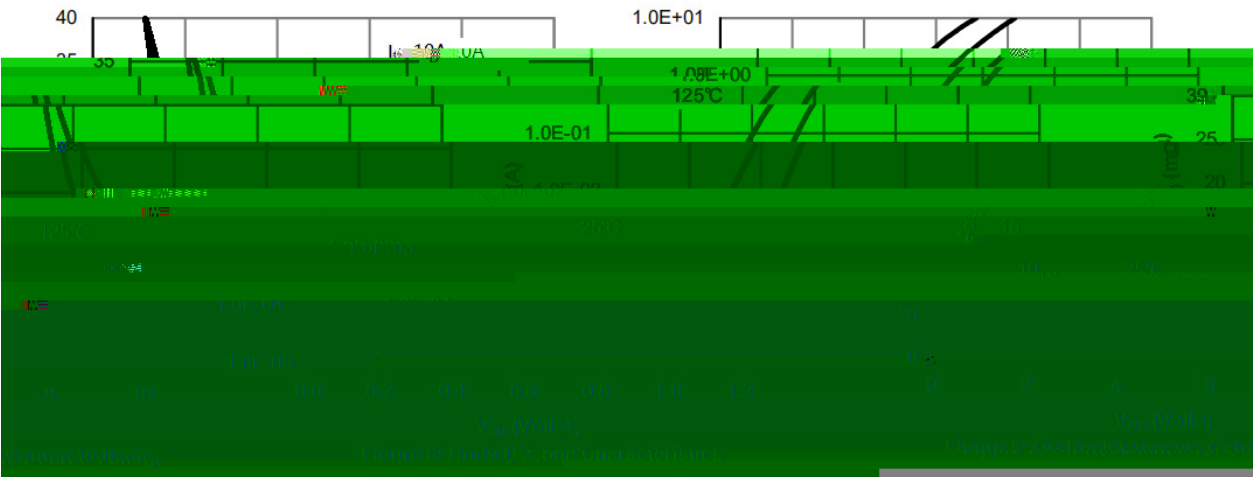
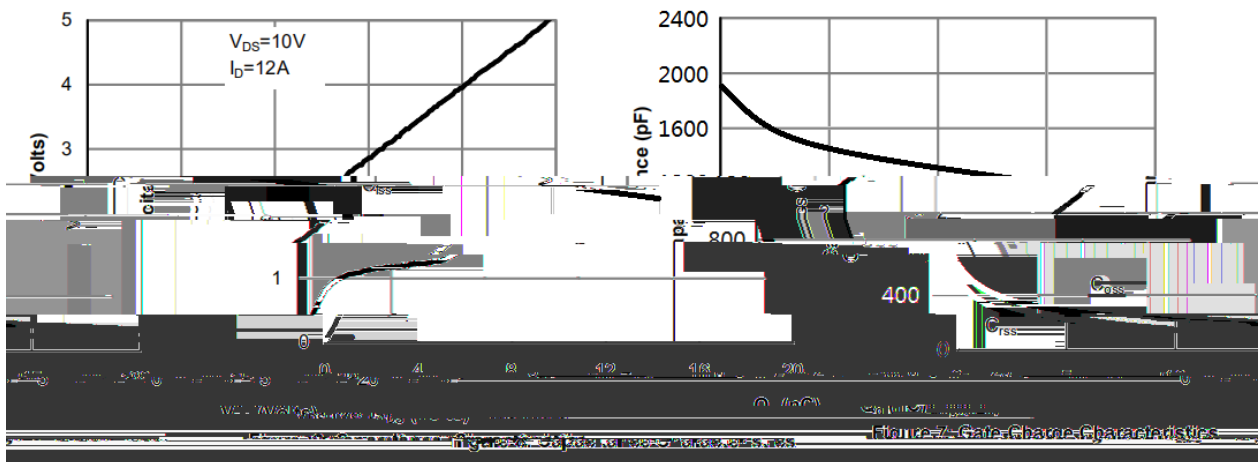
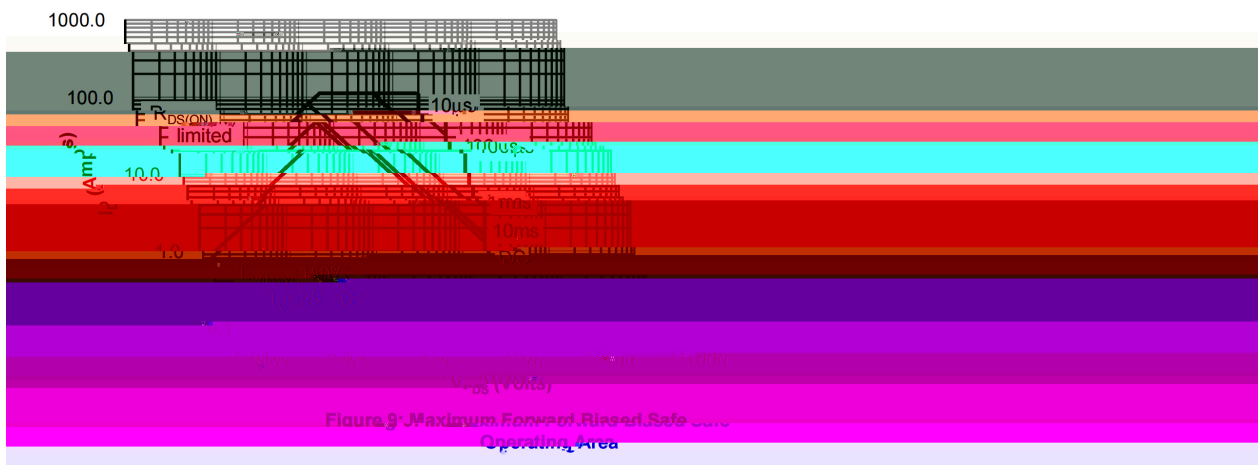
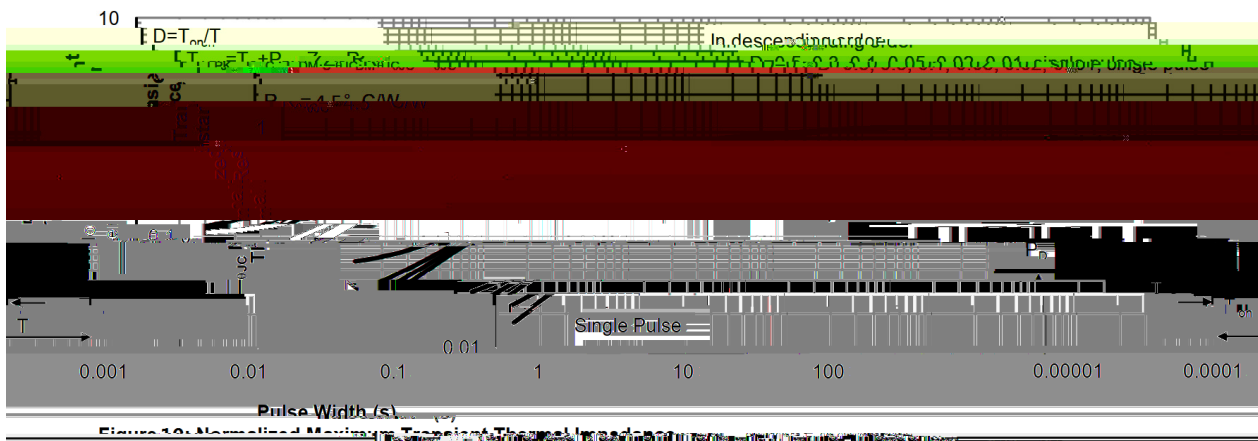


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

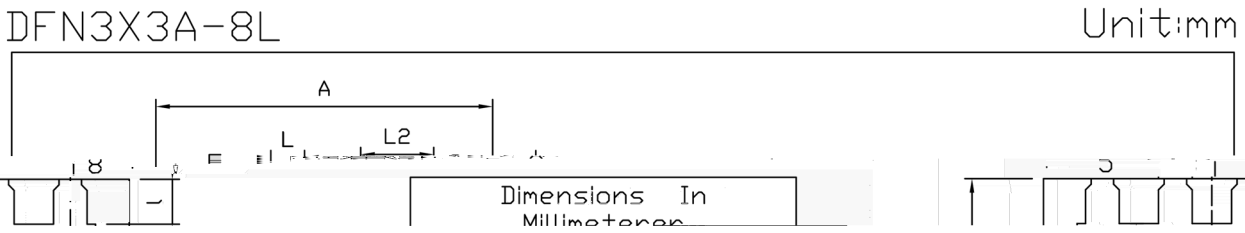
Figure 4: On-Resistance vs. Junction Temperature



/ Electrical Characteristic Curve



/ **Package Dimensions**



/ Marking Instructions

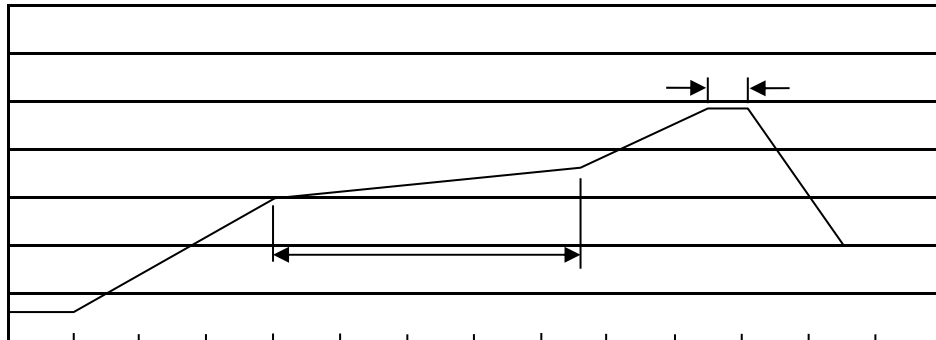


公司代码	BR	公司代码
产品代码	080N02	产品代码
批次代码	****	批次代码 或 批次代码变更

Note:

BR:	Company Code
080N02:	Product Type Code
****:	Lot No. Code, code change with Lot No

() /



ب " χ

1. 150~180 °C, Time: 60~90sec;

2. 245 °C, Duration: 5~0.5sec;

3. Cooling Speed: 2~10 °C/sec.

Note:

1.Preheating:150~180 °C, Time:60~90sec.

2.Peak Temp.:245 °C, Duration:5~0.5sec.

3. Cooling Speed: 2~10 °C/sec.

/ Resistance to Soldering Heat Test Conditions

□ °C

°C

Temp.:260±5

Time:10±1 sec

/ Packaging SPEC.

□ °C / REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
DFN3×3A-8L	5,000	2	10,000	6	60,000	13 ×12	360×360×50	380×335×366

/ Notices