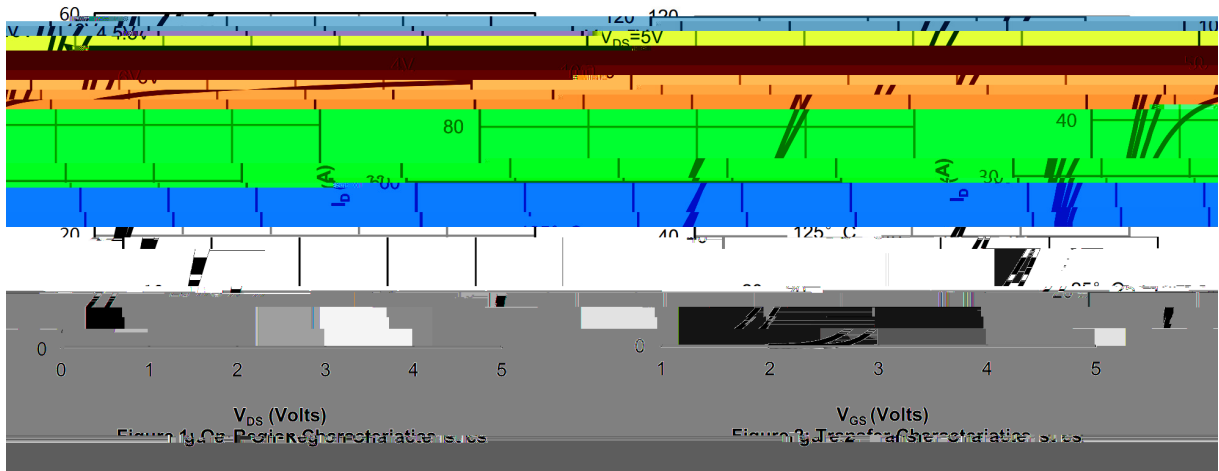
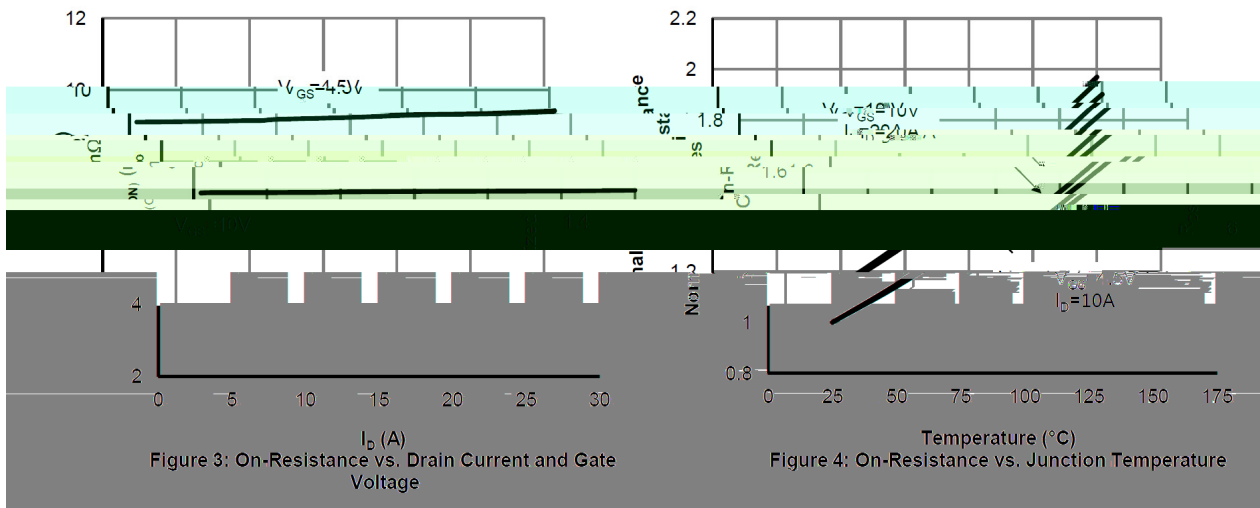
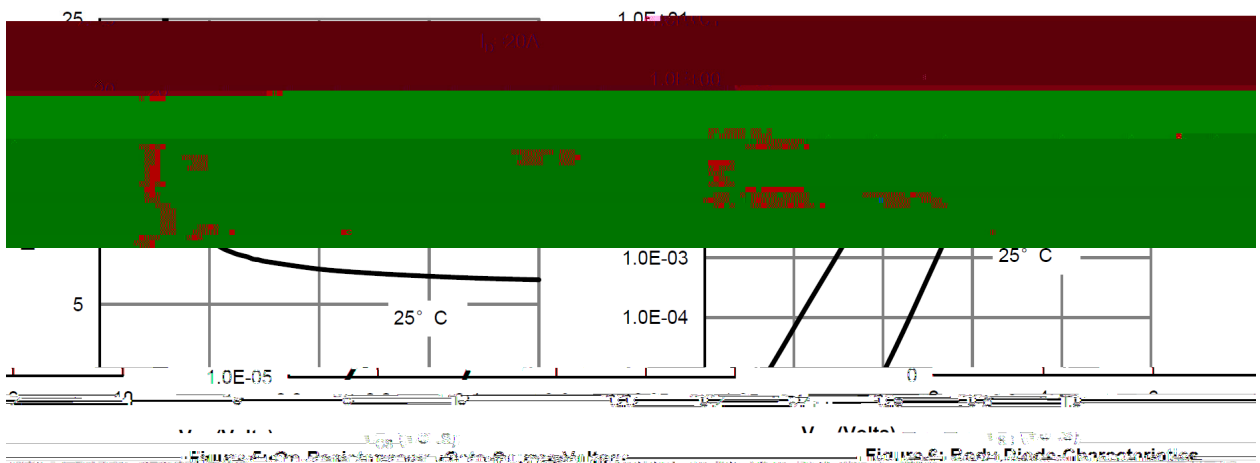
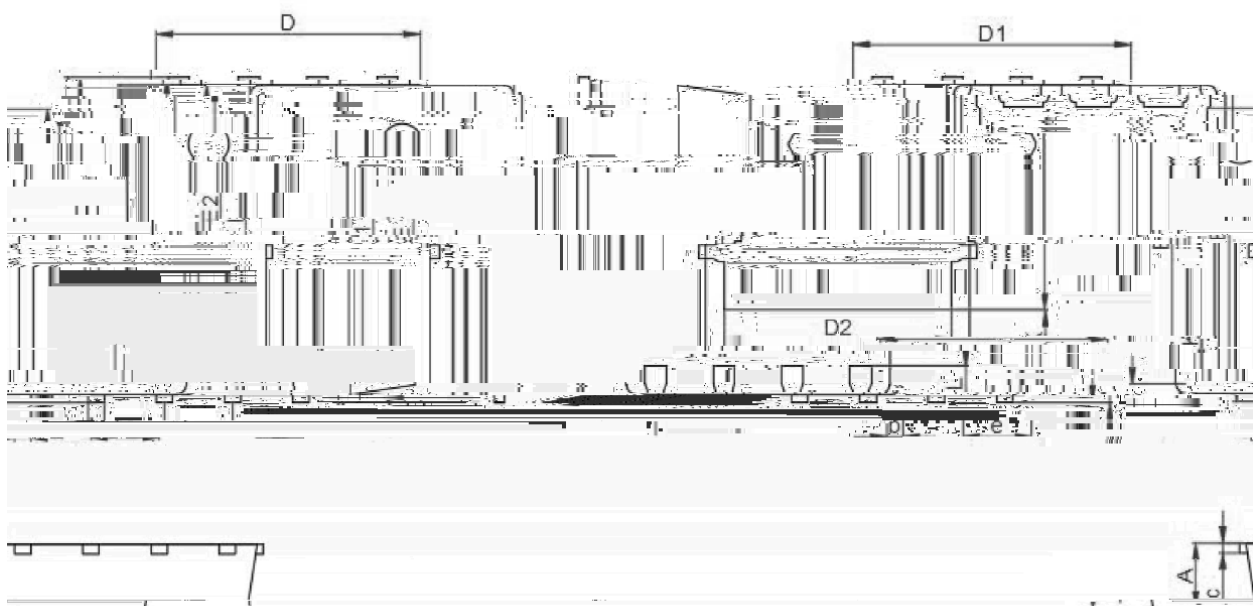


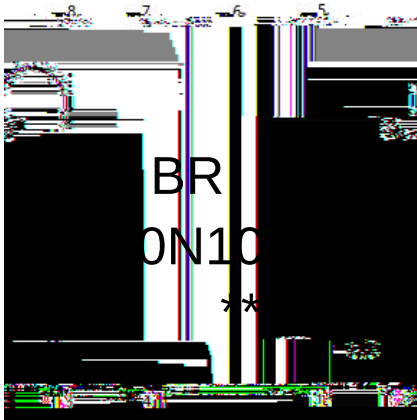
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	100	V
Drain Current - Continuous	I_D	55	A
Drain Current – Pulsed	I_{DM}	175	A
Gate-Source Voltage	V_{GS}	± 20	V
Power Dissipation	$P_D(T_c=25^\circ\text{C})$	48	W
Single Pulse Avalanche Energy(L=0.5mH)	E_{AS}		

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$			9.7		
Turn-On Rise Time	t_r	$V_{GS}=10V,$ $V_{DS}=50V,$ $I_D=20A,$ $R_g=3\Omega$				ns





Symbol	Dimensions In Millimeters	
	Min	Max
A	0.90	1.10
D	4.80	5.00
D1	4.80	5.20
D2	3.80	4.20
E	5.65	5.85
E1	5.80	6.20
E2	3.30	3.65
K	1.30 BSC	
e	1.27 BSC	
b	0.25	0.35
c	0.20	0.30
L	0.45	0.75

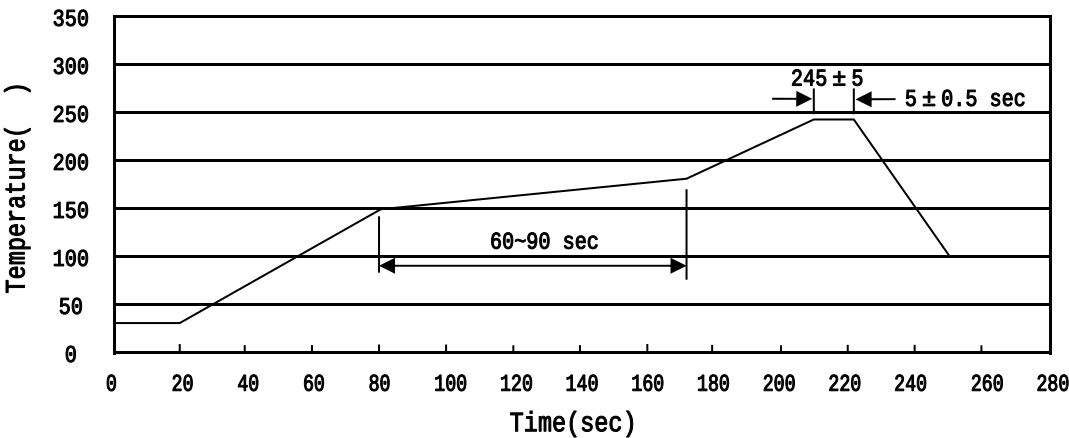


BR
080N10S

Note

BR	Company Code
080N10S	Product Type Code
****	Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	/	/	/	/	/			
PDFN5×6	5,000	2	10,000	6	60,000	13"×12	360×360×50	380×335×366

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