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Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	100	V
Drain Current	$I_D(T_c=25^{\circ}\text{C})$	22	A
Drain Current - Pulsed	I_{DM}	45	A
Gate-Source Voltage	V_{GS}	± 20	V
Single Pulsed Avalanche Energy	E_{AS}	14.4	mJ

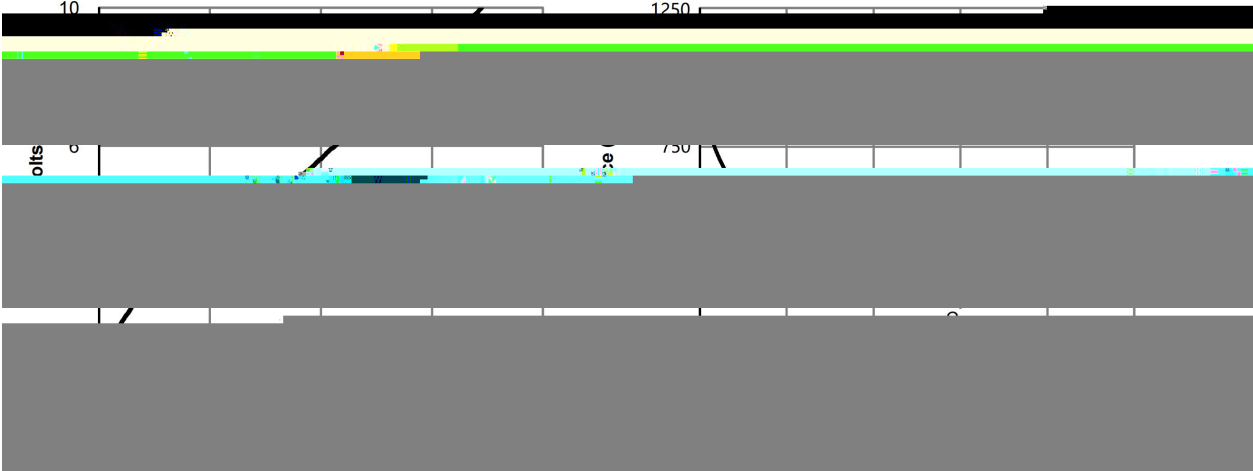
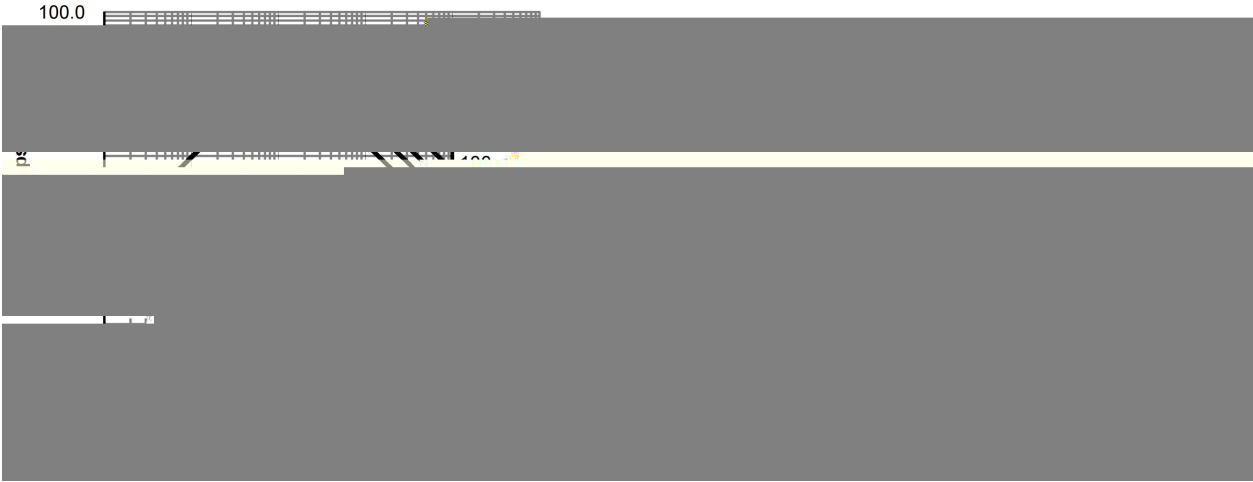


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Parameter	Symbol	Test Conditions		Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	BV_{DSS}	$V_{GS}=0V$	$I_D=250\mu A$	100	109		V



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PDFN3X3A-

Unit:mm



BR 250N10S

BR

250N10S

Note:

BR: Company Code

250N10S: Product Type Code

****: Lot No. Code, code change with Lot No



Temperature Profile for IR Reflow Soldering(Pb-Free)

- 1

150 180

60 90sec;
- 2

245±5

5±0.5sec;
- 3

2 10°C/sec.
- Note:

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

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

3. Cooling Speed: 2~10°C/sec.

260±5