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

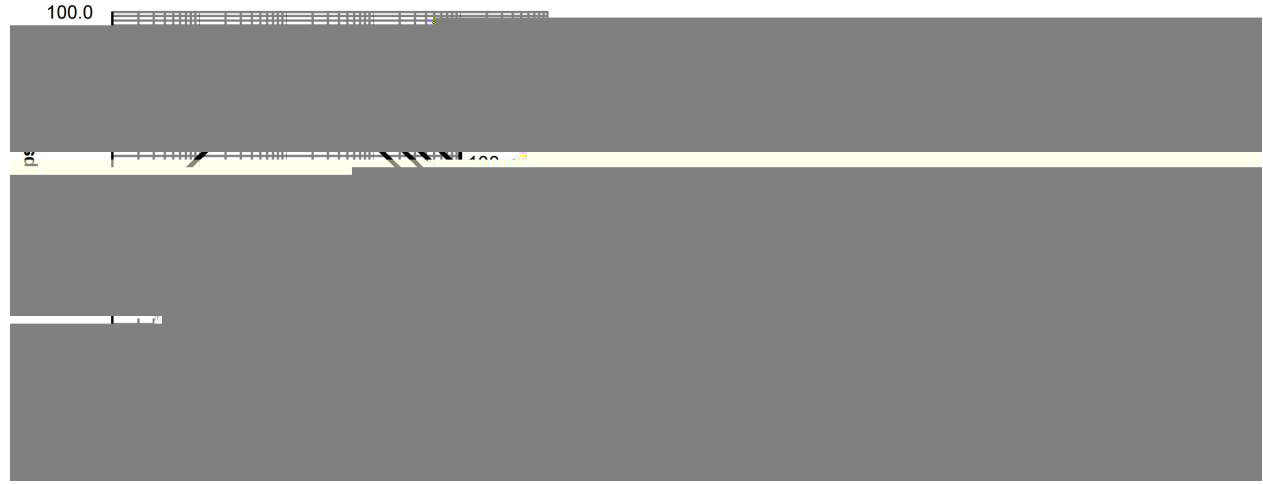
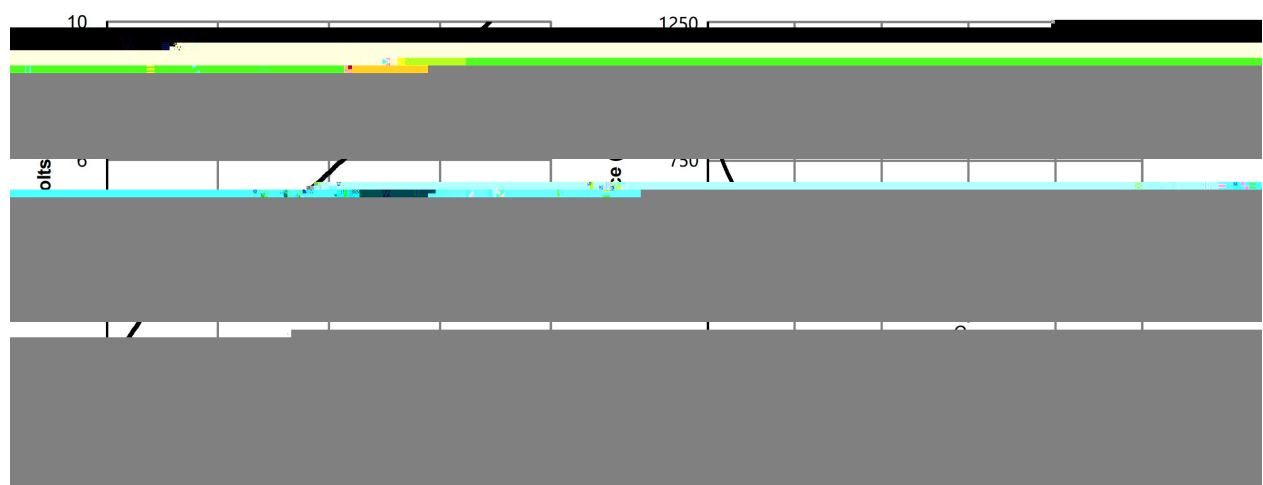


Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	$BV_{DSS}$	$V_{GS}=0V$ $I_D=250\mu A$	100	109		V





1. ...



Rev.A Jun.-2022



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PDFN3X3A

Unit:mm



# BR 250N10S

BR

250N10S

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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;    | Note: | 1.Preheating:150~180°C, Time:60~90sec.   |
| 2 | 245±5 |     |    | 5±0.5sec; |       | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 |       |     | 2  | 10°C/sec. |       | 3. Cooling Speed: 2~10°C/sec.            |

260±5