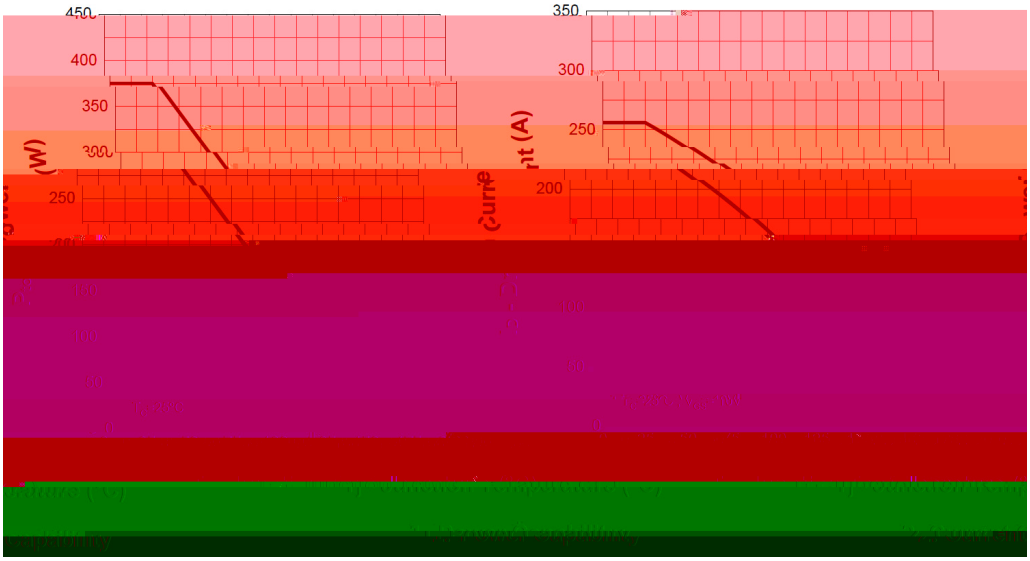
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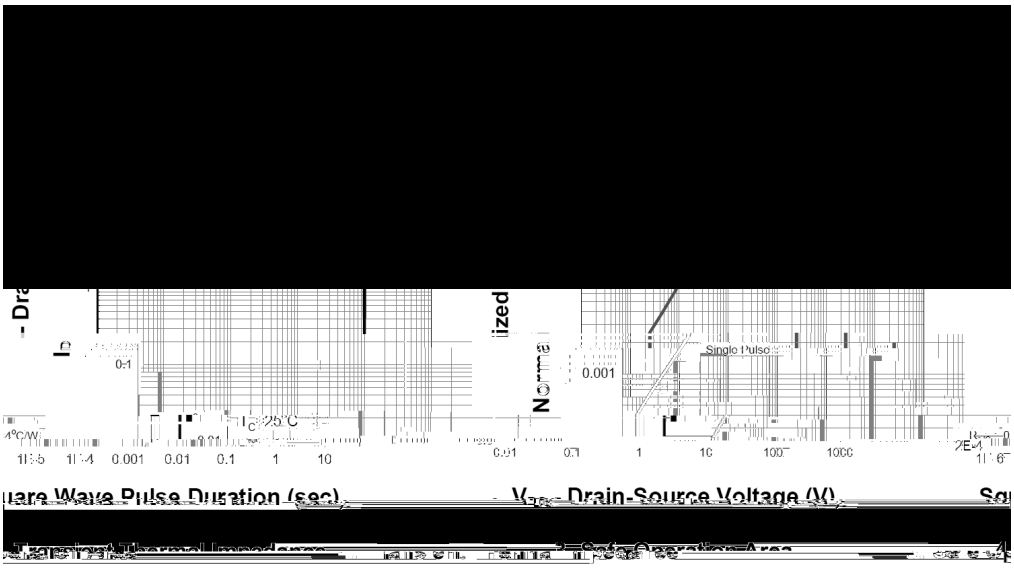
Rev.C Jan.-2026

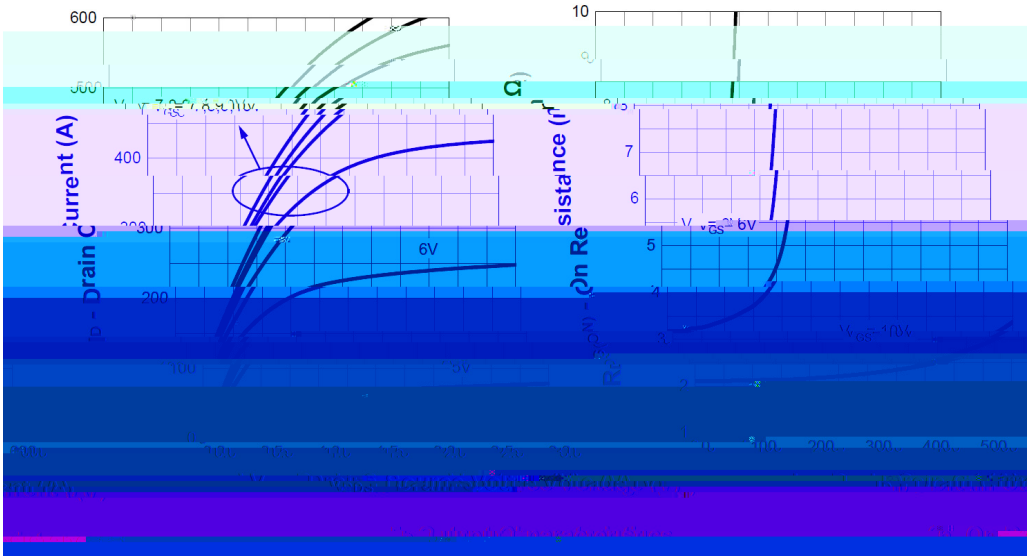
v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ч Unit
Drain-Source Voltage	V_{DS}	100	V
Drain Current	I_D(Tc=25)	256	A
	I_D(Tc=100)	181	A
Pulsed Drain Current	I_{DM}	660	A
Gate-Source Voltage	V_{GS}	20	V

v ″Ω Parameter	ϒ ᴺ Symbol	╜ ⁝ ↑ ţ Test Conditions	ѡ ṇ Ө Min	Ɛ ȝ Ө Typ	ѡ ᶻ Ө Max	ᴅ Ꮋ Unit
Total Gate Charge	Q_g	V_{GS}=10V, V_{DS}=50V, I_D=30A		93		nC
Gate Source Charge	Q_{gs}			27		
Gate Drain Charge	Q_{gd}			25		
Turn-On Delay Time	$t_{d(on)}$	V_{GEN}=10V V_{DS}=50V R_L=1.6Ω R_G=3.9Ω I_{DS}=30A		19		ns
Turn-On Rise Time	t_r			42		

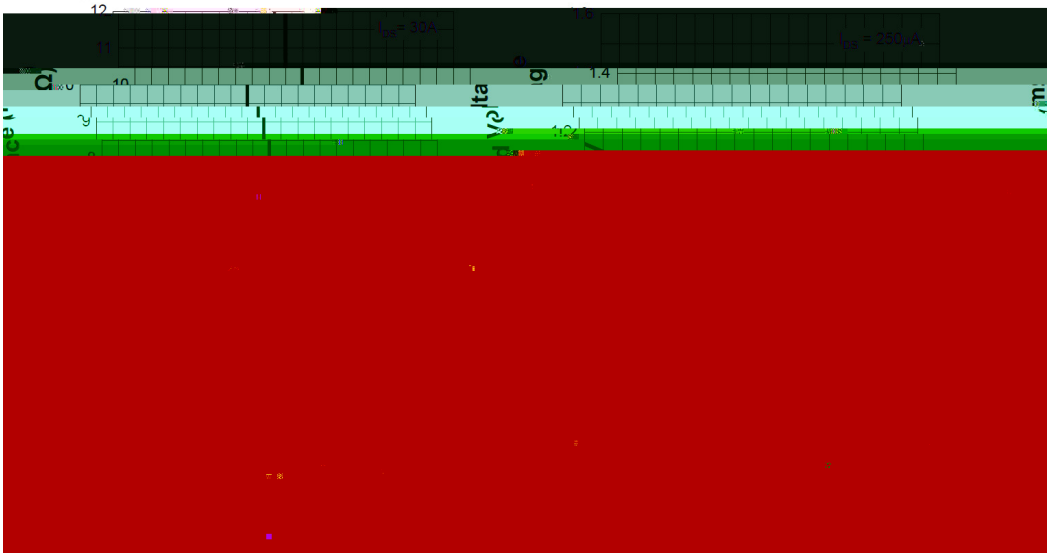
/ Electrical Characteristic Curve

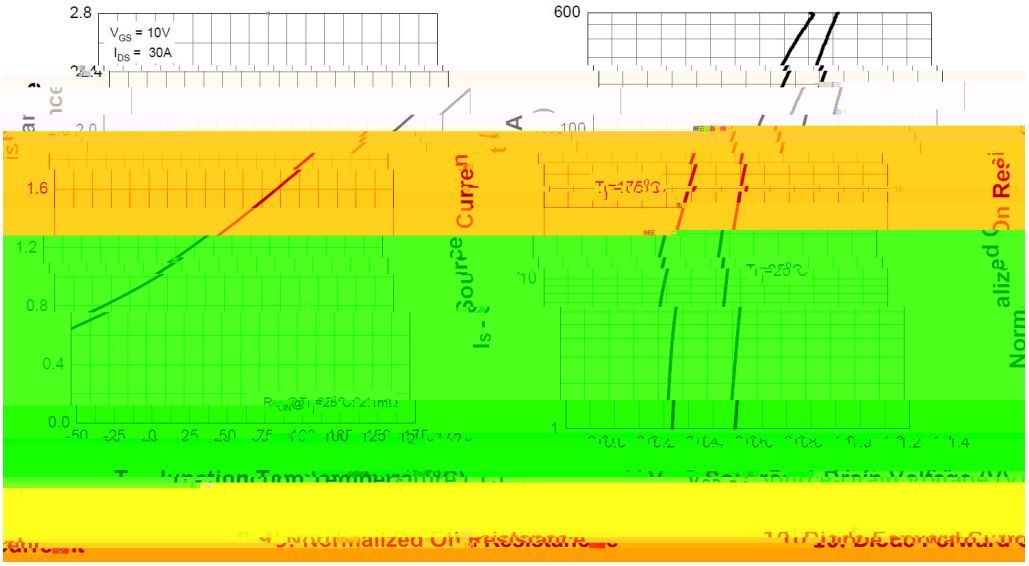


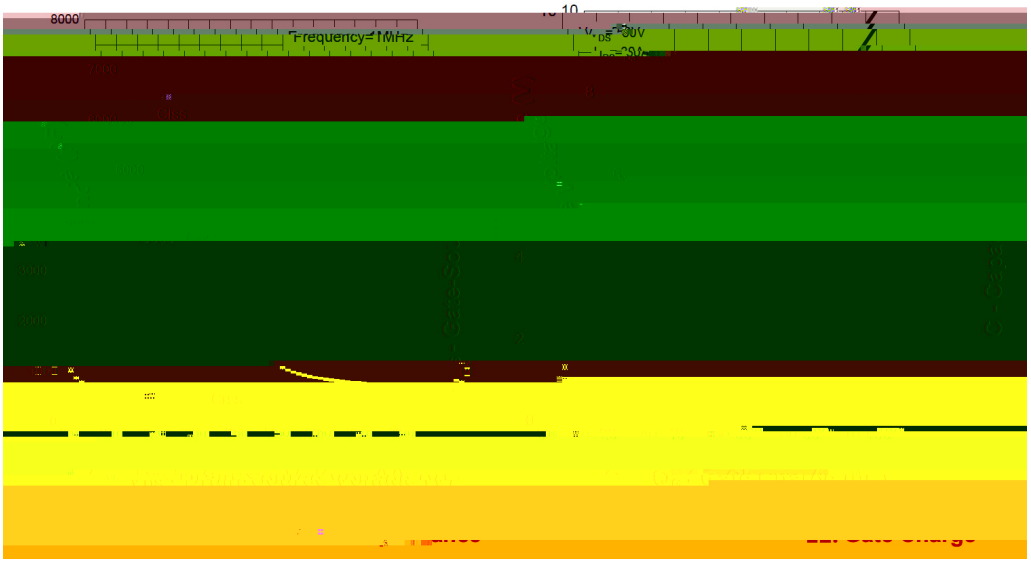




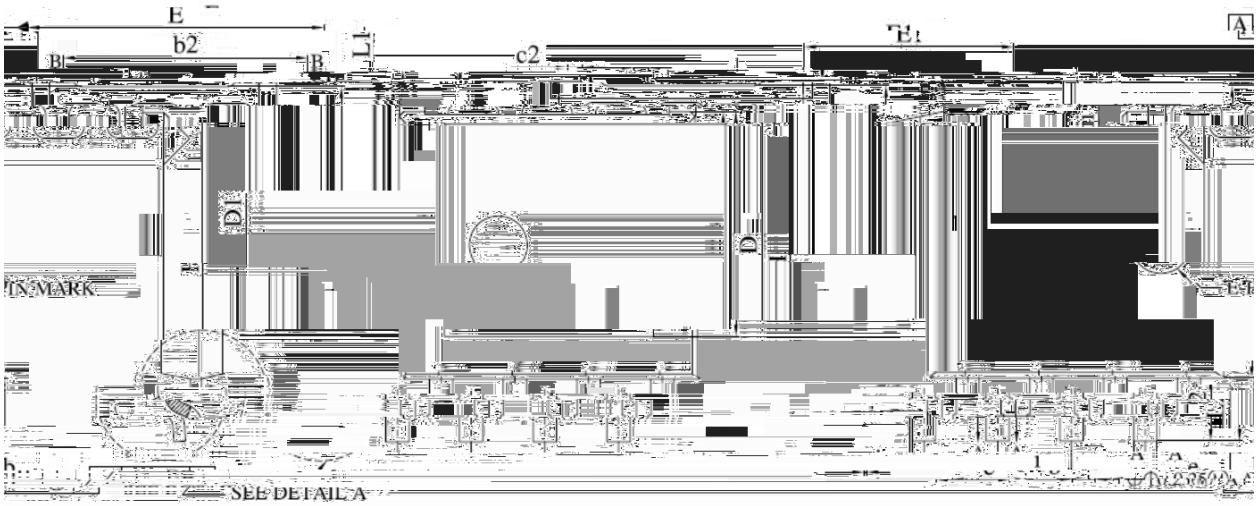
/ Electrical Characteristic Curve

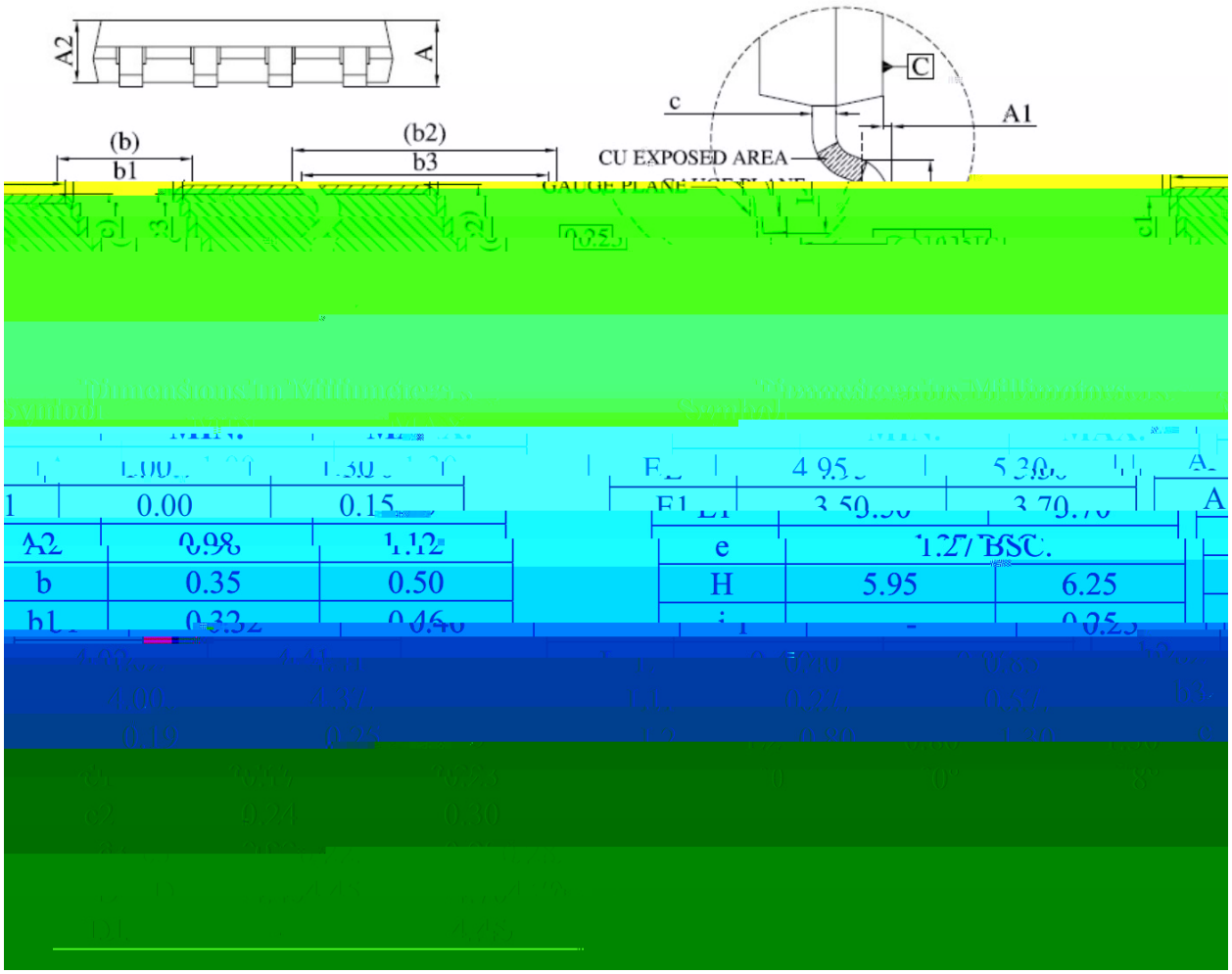






/ Package Dimensions





Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	MIN.	MAX.		MIN.	MAX.
A	1.00	1.30	E2	4.95	5.30
A1	0.00	0.15	E1 D1	3.50	3.70
A2	0.98	1.12	e	1.27 BSC.	
b	0.35	0.50	H	5.95	6.25
b1	0.32	0.46	L	-	0.25

/ Marking Instructions



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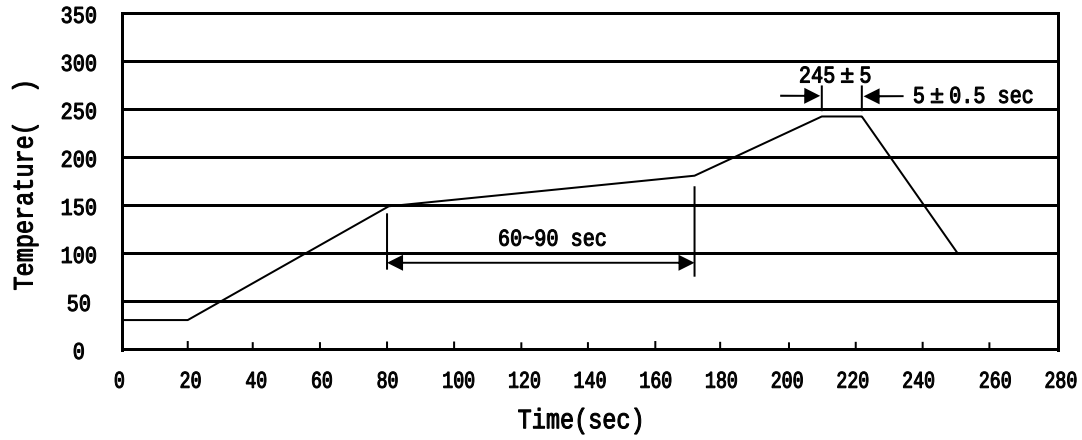
025N10SH χ ꟾ ʒ ᴺ Γϧ

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Note χ

BR:	Company Code
025N10SH:	Product Type Code
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ڍ ˝ χ

1 Ĺ ♬ □ ů 150 Ḱ 180 ł ı `H ڑ 60 Ḱ 90sec;

2 Š Ë □ ů 245 ° 5 ł ı `H ڑ 'Y ㄴ ㎛ 5 ° 0.5sec;

3 ì ˙ ㄱ ˛ ɔ ﷺ ů ㎛ 2 Ḱ 10 ł /sec.

Note:

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

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

3. Cooling Speed: 2~10 ł /sec.

/ Resistance to Soldering Heat Test Conditions

□ ů χ 260 ° 5 ł `H ڑ χ 10 ° 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

ɔ ` ɣ Ł / REEL

Package Type Ɱ Ł ė Ã	Units					Dimension		(unit mm³)
	Ɛ 2 ɔ `	ɔ ` 2 ¨	Ɛ 2 ¨	¨ 2 ㄱ	Ɛ 2 ㄱ		¨	ㄱ
LFPAK5×6	3,000	2	6,000	5	30,000	13''×12	356×335×50	385×285×358

Package Type Ɱ Ł ė Ã	Units					Dimension		(unit mm³)
	Ɛ 2 ɔ `	ɔ ` 2 ¨	Ɛ 2 ¨	¨ 2 ㄱ	Ɛ 2 ㄱ		¨	ㄱ
LFPAK5×6	5,000	2	10,000	5	50,000	13''×12	356×335×50	385×285×358

/ Notices

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