PDFN3×3A-8L N MOS

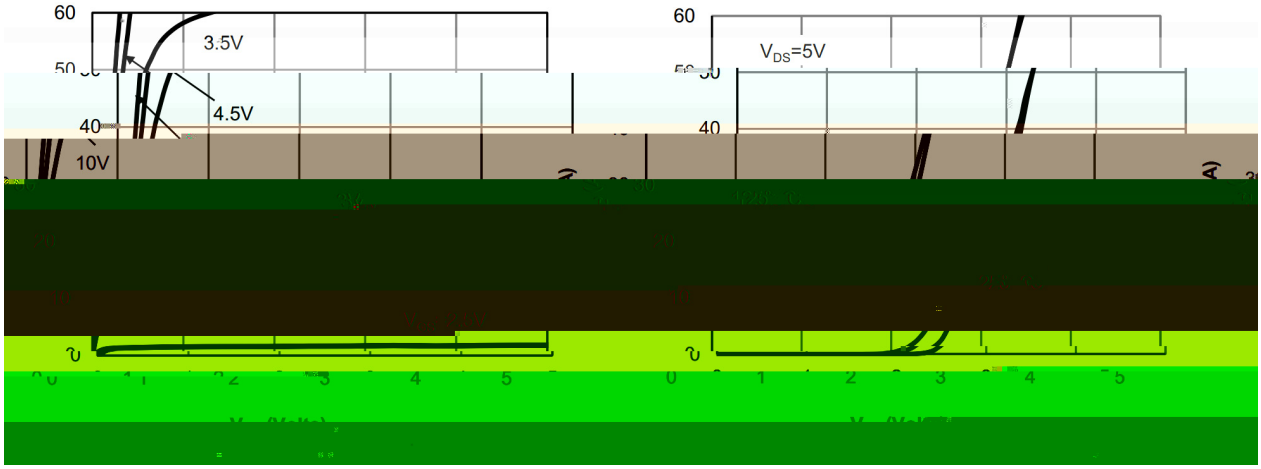
×

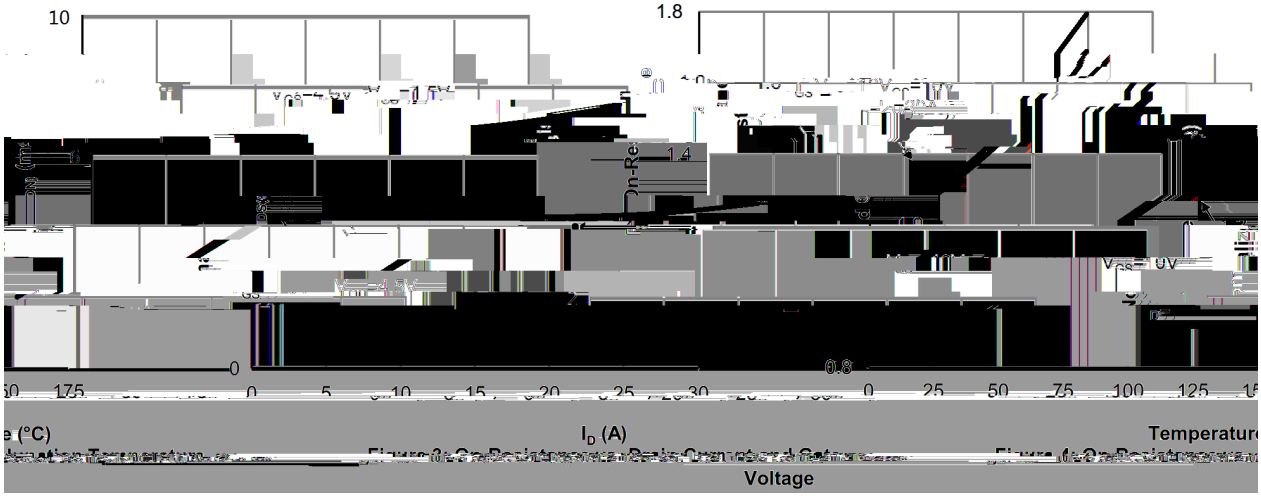
±

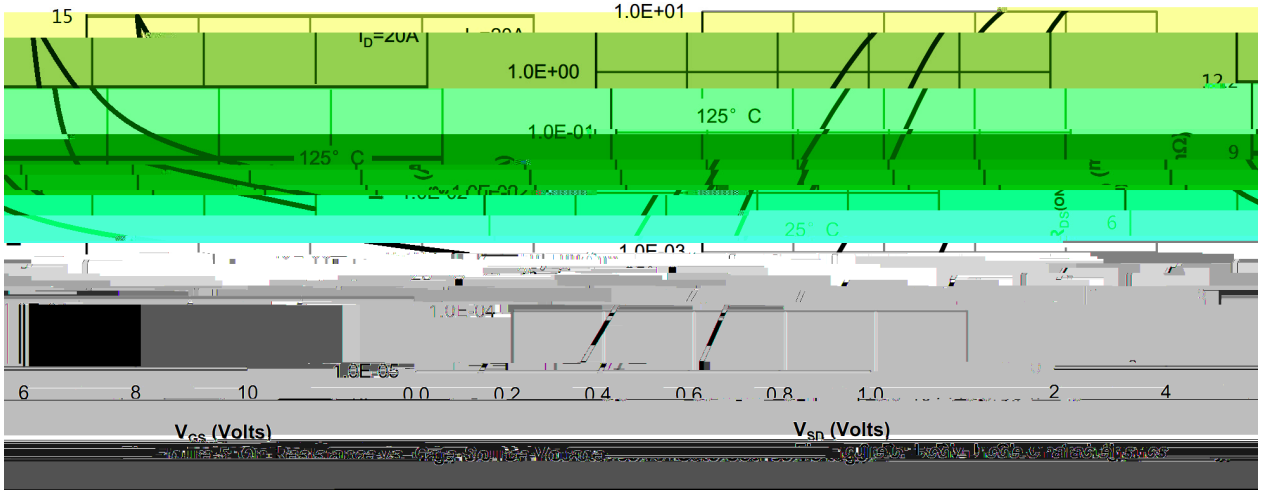
≤

AEC-Q101

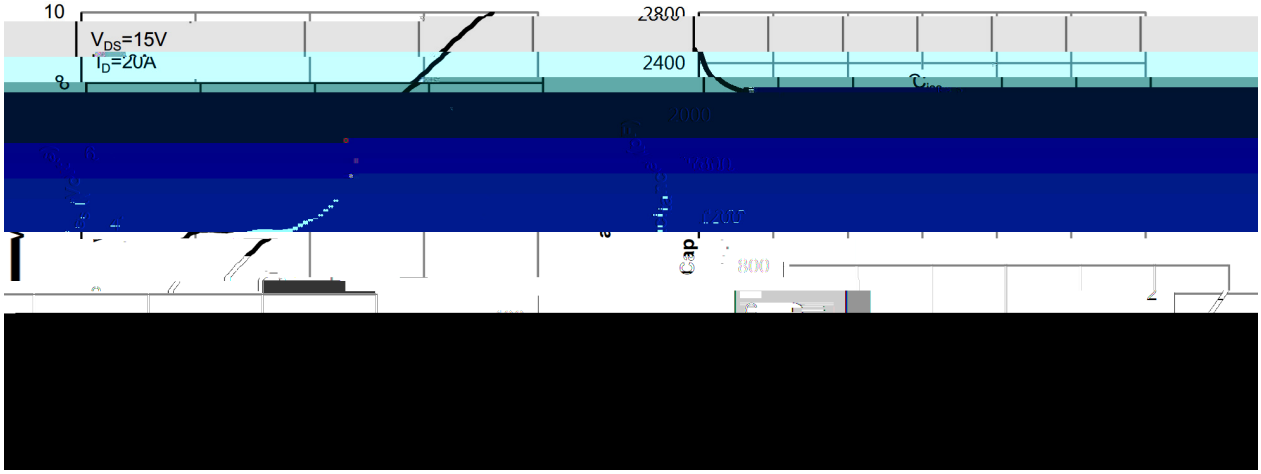
		μ				
						μ
						μ
		μ				
						Ω
						Ω

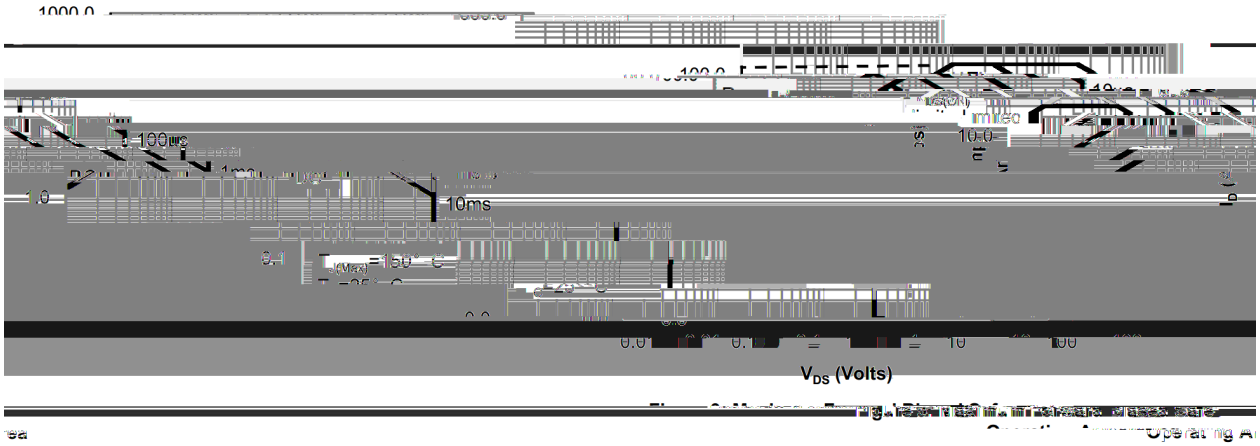

60
3.5V
4.5V
40
10V
60
V_{DS}=5V
40

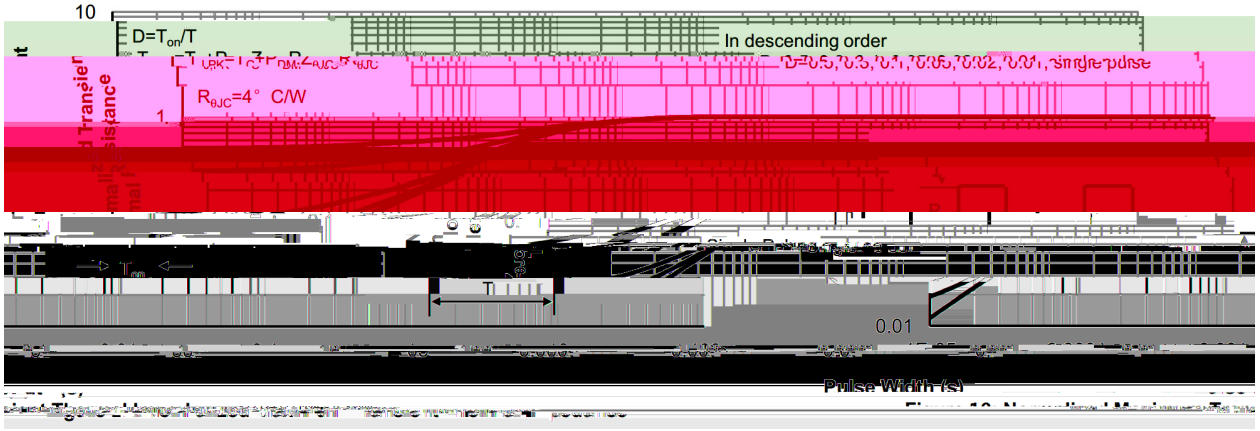

10
1.8
1.4
0.8
0
I_D (A)
Voltage


15
1.0E+01
I_D=20A
1.0E+00
125° C
1.0E-01
125° C
25° C
1.0E-04
1.0E-05
6
8
10
0.0
0.2
0.4
0.6
0.8
1.0
2
4
V_{GS} (Volts)
V_{SD} (Volts)

/

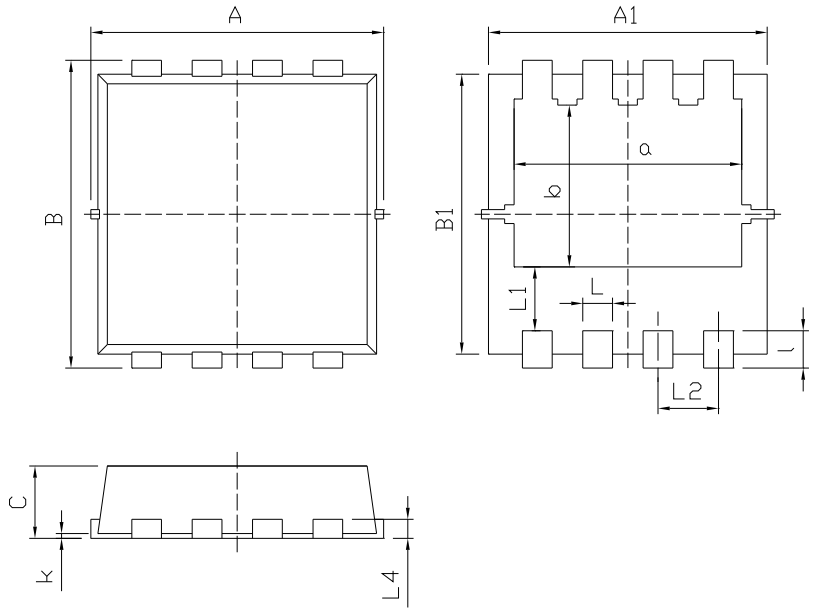

10
V_{DS}=15V
I_D=20A
2800
2400
2000
1600
1200
800
Cap


100μs
1ms
10ms
10.0
1.0
0.1
0.0
0.1
1.0
10
100
V_{DS} (Volts)


10
D=T_{on}/T
In descending order
D=0.5, 0.3, 0.1, 0.05, 0.02, 0.01, single pulse
$R_{\theta JC}$=4° C/W
1.
0.01
Pulse Width (s)

PDFN3X3A-8L

Unit:mm



Dimensions In Millimeterer			
Symbol	MIN	TYP	MAX
A	3.20	3.30	3.40
A1	3.10	3.15	3.20
B	3.20	3.30	3.40
B1	2.95	3.00	3.05
C	0.75	0.80	0.85
L	0.25	0.30	0.35
L1	-	-	0.75
L2	0.55	0.65	0.75
L4	0.14	0.15	0.20
a	2.35	2.45	2.55
b	1.635	1.735	1.835
k	0.00	-	0.05
l	0.30	0.40	0.50

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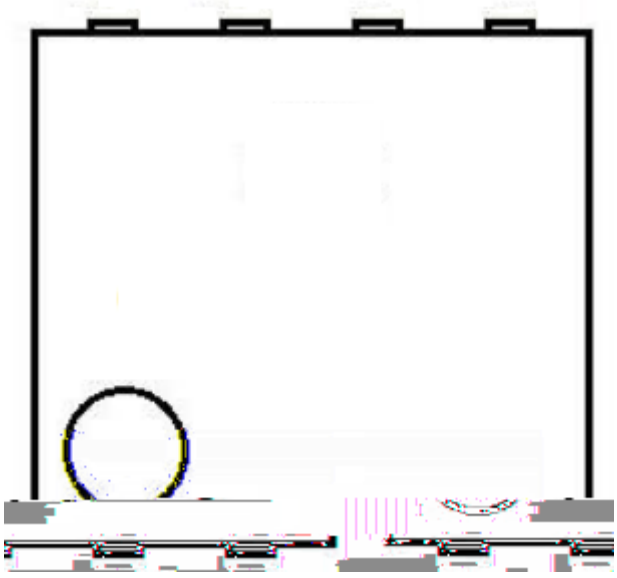

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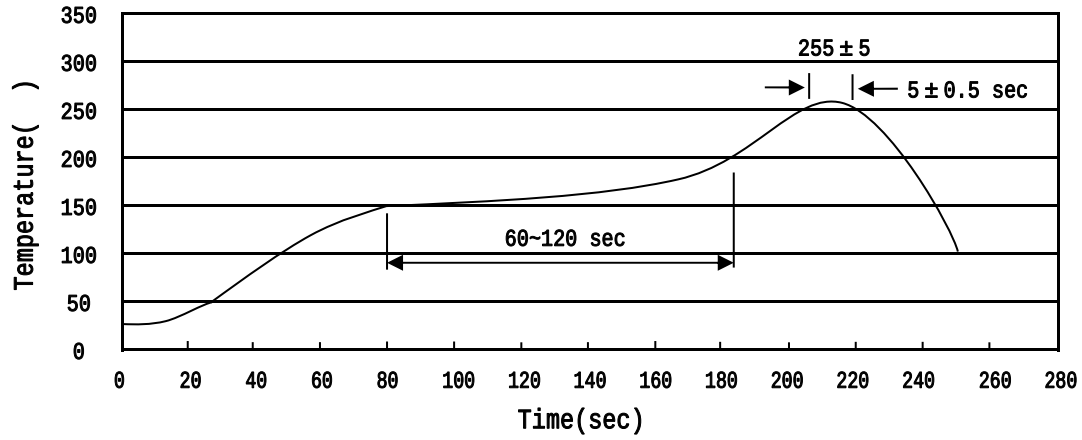
Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

± ±

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box