BRCS070P03YB

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	-30	V
Drain Current	I_D(T_C=25)	-51	A
Drain Current – Pulsed	I_{DM}	-134	A
Gate-Source Voltage	V_{GS}	± 20	V
rrmgy Lg=10.gmH)V - 6569.7EI Power Dissipation	P_D(T_C		

rrent(L=10.gmH)V -124 1071(I)TJ7.0172 0 0 7.02 397.2 6569.0803 Tm-.0002 Tc0 TwASM30

SSourcn Crrgente I -51A

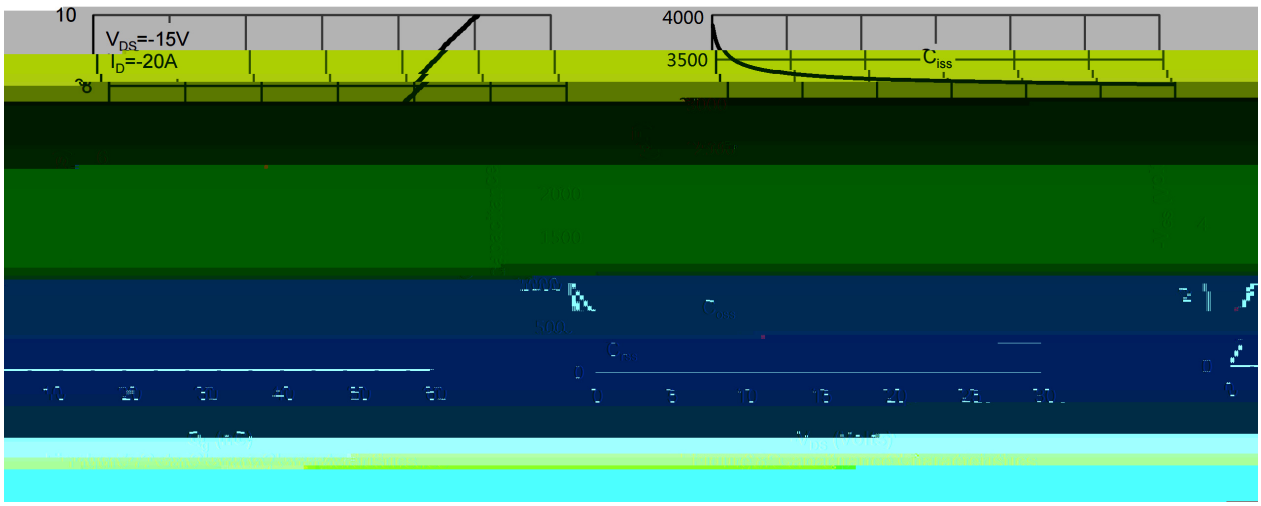
/ Electrical Characteristics(Ta=25)

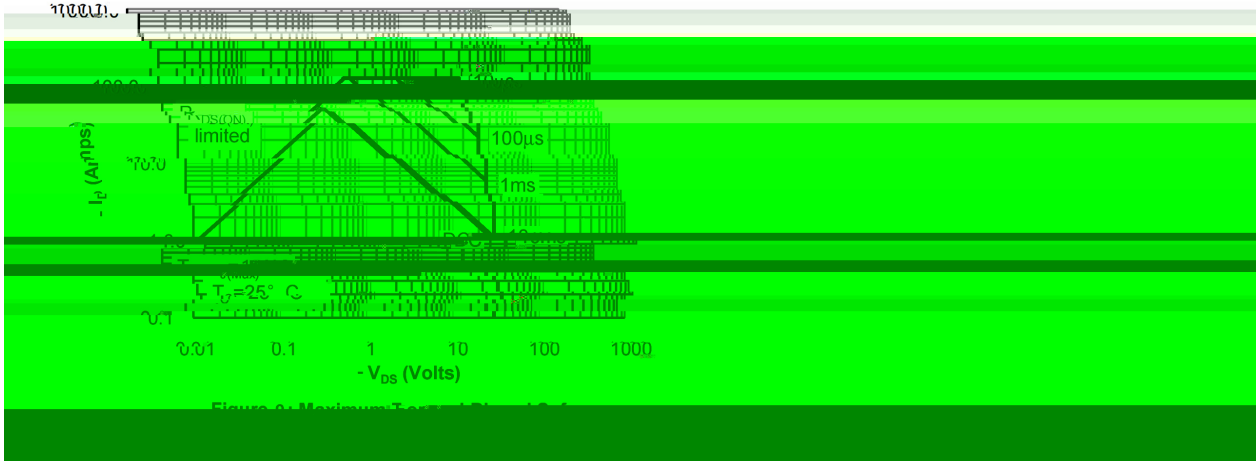
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=-10V V_{DS}=-15V R_L=0.75Ω R_{GEN}=3Ω		12.5		ns
Turn-On Rise Time	t_r			19		
Turn-Off Delay Time	$t_{d(off)}$			125		
Turn-Off Fall Time	t_f			67		

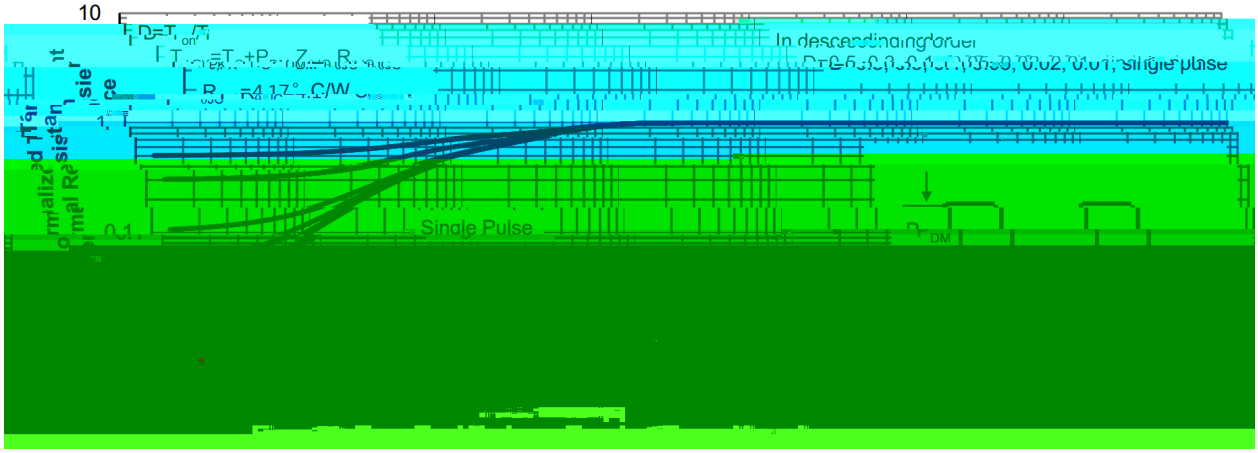
BRCS070P03YB

Rev.C May 8n.0009.6(1.75a)224.3(e01.7(a)224.3(e64.3(e)-6v)2

/ Electrical Characteristic Curve



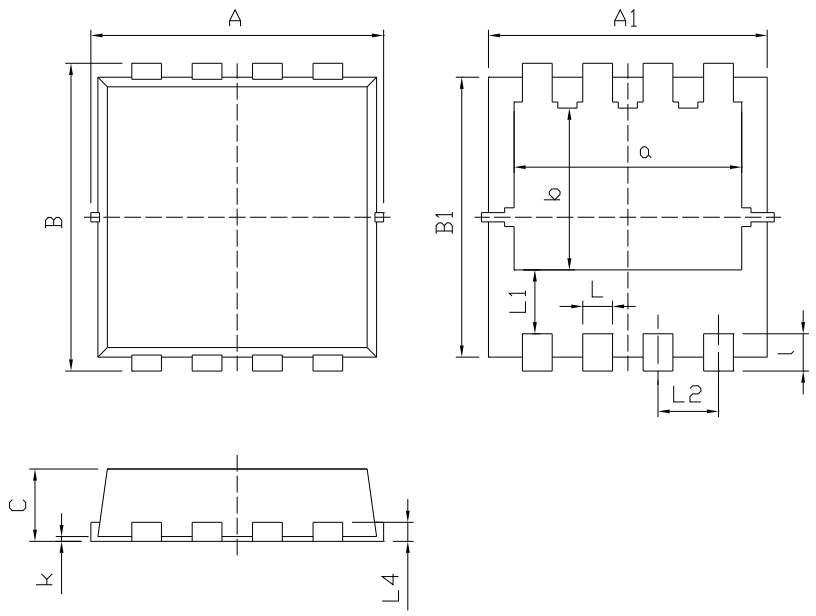




/ Package Dimensions

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

Rev.00 202011

/ Marking Instructions



BR

070P03

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Note:

BR:	Company Code
070P03:	Product Type Code
****:	Lot No. Code, code change with Lot No.