@ *f* Parameter		… Z Symbol	*f* › Rating	% y Unit
Drain-Source Voltage		V_{DS}	60	V
Continuous Drain Current		I_D	123	A
Pulsed Drain Current		I_{DM}	253	A
Gate-Source Voltage		V_{GS}	± 20	V
Power Dissipation		$P_D(T_c=25\ \ )$	83	W
Avalanche energy(L=0.5mH)		E_{AS}	1000	mJ
Avalanche Current(L=0.5mH)		I_{AS}	44.7	A
Junction and Storage Temperature Range		T_j, T_{stg}	-55 to 150	-
Maximum Junction-to-Ambient	t 0 10s	R ©JA	20	
Maximum Junction-to-Case	Steady-State	R ©JC	1.5	

@ *f* Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit

Ô4ì × ? d / Electrical Characteristics(Ta=25 ;)

@ *f* Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=30V R_L=1.5 ¡ R_{GEN}=3 ¡		15		ns
Turn-On Rise Time	t_r			4.3		
Turn-Off Delay Time	$t_{d(off)}$			52		
Turn-Off Fall Time	t_f			7.2		

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Ø ¤ =) ¢ / Package Dimensions

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Note y

BR y	Company Code
030N06SH y	Product Type Code
****:	Lot No. Code, code change with Lot No