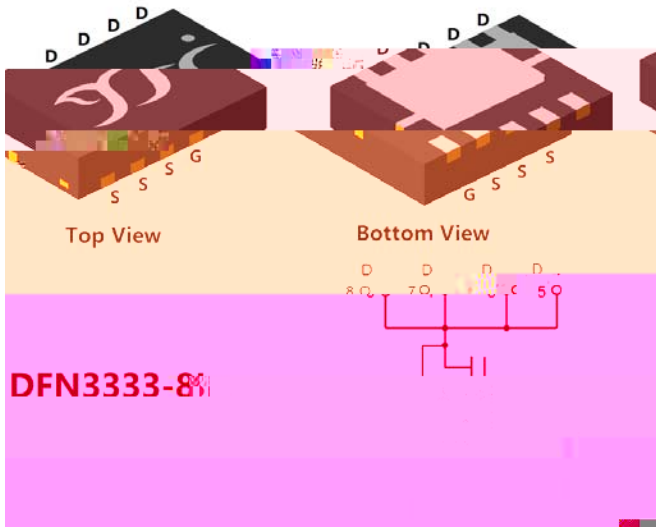




B-7 \UbbY` 9b\UbWY a Ybh AcXY :]Y`X 9ZZYWh HfUbg]ghcf

DfcXiWh Gi a a Ufm

V_{DS} 60V
 I_D 53A
 $R_{DS(ON)}$ (at $V_{GS}=10V$) 9=25 unless otherwise noted



DUfUa YhYf		Gma Vc`	@]a]h	I b]h
Drain-source Voltage		V_{DS}	60	V
Gate-source Voltage		V_{GS}	±20	V
Drain Current	$T_A=25$ -	I_D	10	A
	$T_A=100$ -		6	
	$T_C=25$ -		53	
	$T_C =100$ -		33	
Pulsed Drain Current ^A		I_{DM}	160	A
Avalanche energy ^B		EAS	162	mJ
Total Power Dissipation ^C	$T_A=25$ -	P_D	2.5	W
	$T_A=100$ -		1	
	$T_C=25$ -		44	
	$T_C =100$ -		17	
Junction and Storage Temperature Range		T_J, T_{STG}	-55 +150	-

H\Yf a U` fYg]ghUbWY

DUfUa YhYf		Gma Vc`	Hmd	AUI	I b]hg
Thermal Resistance Junction-to-Ambient ^D	Steady-State	R_{JA}	40	50	- /W
Thermal Resistance Junction-to-Case	Steady-State	R_{JC}	2.2	2.8	

CfXYf]b[=bZcf a Uh]cb (Example)

DF9 : 9F98 D#B	D57?-B ; 7C89	AUf_]b[A=B:A I A D57?5 ; 9fidWgŁ	=BB9F 6CL E I 5BH-HMfidWgŁ	C I H9F 75FHCB E I 5BH-HMfidWgŁ	89@-J9FM AC89
YJQ53G06AQ	F1	Q53G06	5000	10000	100000	13" reel



M>E)3 ; \$* 5 E

9`YWhf]WU` 7 \UfUWhYf]gh]Wg (T_J=25 unless otherwise noted)

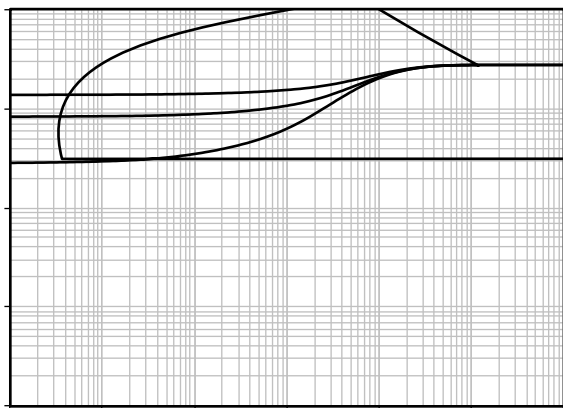
DUfU a YhYf	Gma Vc'	7cbX]h]cbg	A]b	Hmd	AUI	I b]hg
GhU]W DUfU a YhYf						

Drain-Source Breakdown Voltage

BV_{DSS}

V_{GS}= 0V, I_D

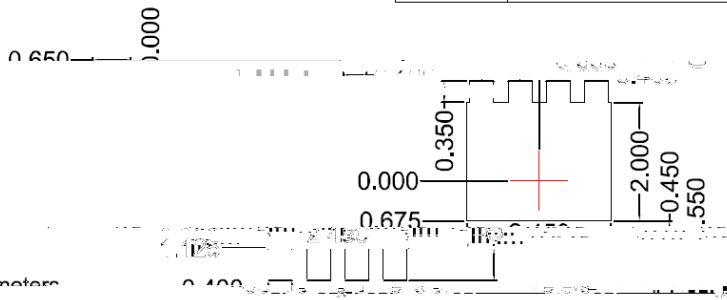






M>E)3 ; \$* 5 E

8 : B3333-8@ DUW_U[Y]bZcf a Uh]cb



Note:
1. Controlling dimension in millimeters

2. General tolerance: ±0.10mm.
3. The pad layout is for reference purposes only.

Suggested Solder
Top

der Pad Layout
View



M>E)3 ; \$* 5 E

8]gWU]a Yf

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