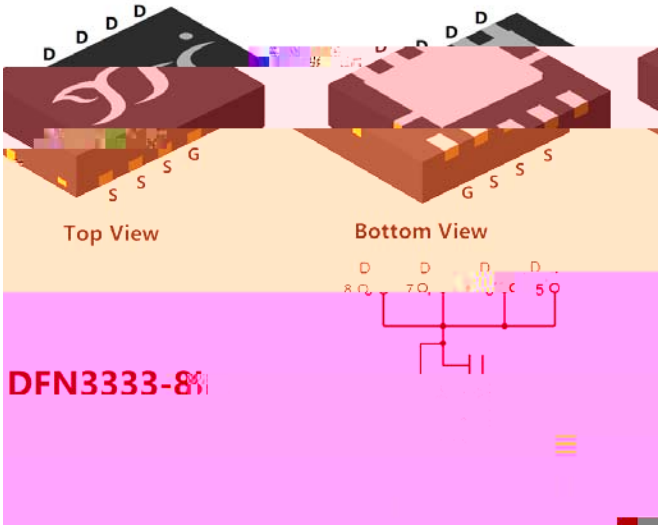




- V_{DS} 60V
- I_D 18A
-

■ (T

Drain Current	$T_C=25$	I_D	18	A
	$T_C=100$		11	
	$T_A=25$		5.7	
	$T_A=100$		3.6	
Pulsed Drain Current ^A		I_{DM}	60	A
Avalanche energy ^B		EAS	72	mJ

		θ_{JC}	6.7	/W
Thermal Resistance Junction-to-Ambient ^D	Steady-State	$R_{\theta JA}$	60	/W
Junction and Storage Temperature Range		T_J, T_{STG}	-55 +150	

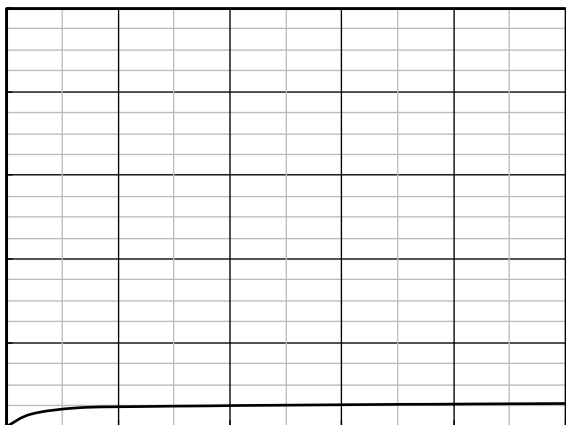
■ (Example)

YJQ18N06AQ	F1	Q18N06A	5000	10000	100000	13" reel
------------	----	---------	------	-------	--------	----------



■ (T_J=25 unless otherwise noted)

--	--	--	--	--





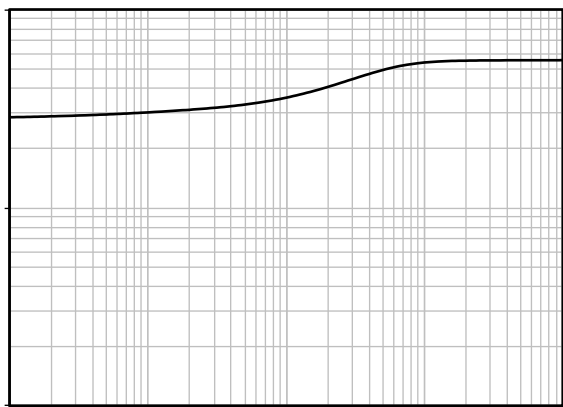


Figure 13. Maximum Transient Thermal Impedance

Figure 14. Safe Operation Area



■

Note:
1. Controlling dimension: in millimeters.



The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of t



1.0	30-Jun-23	New datasheet