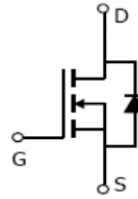




**Product Summary**

This device is suitable for use as a load switch or in PWM applications.

$V_{DS(ON)}$  to minimize conductive loss



PWM

nd Synchronous Rectifier



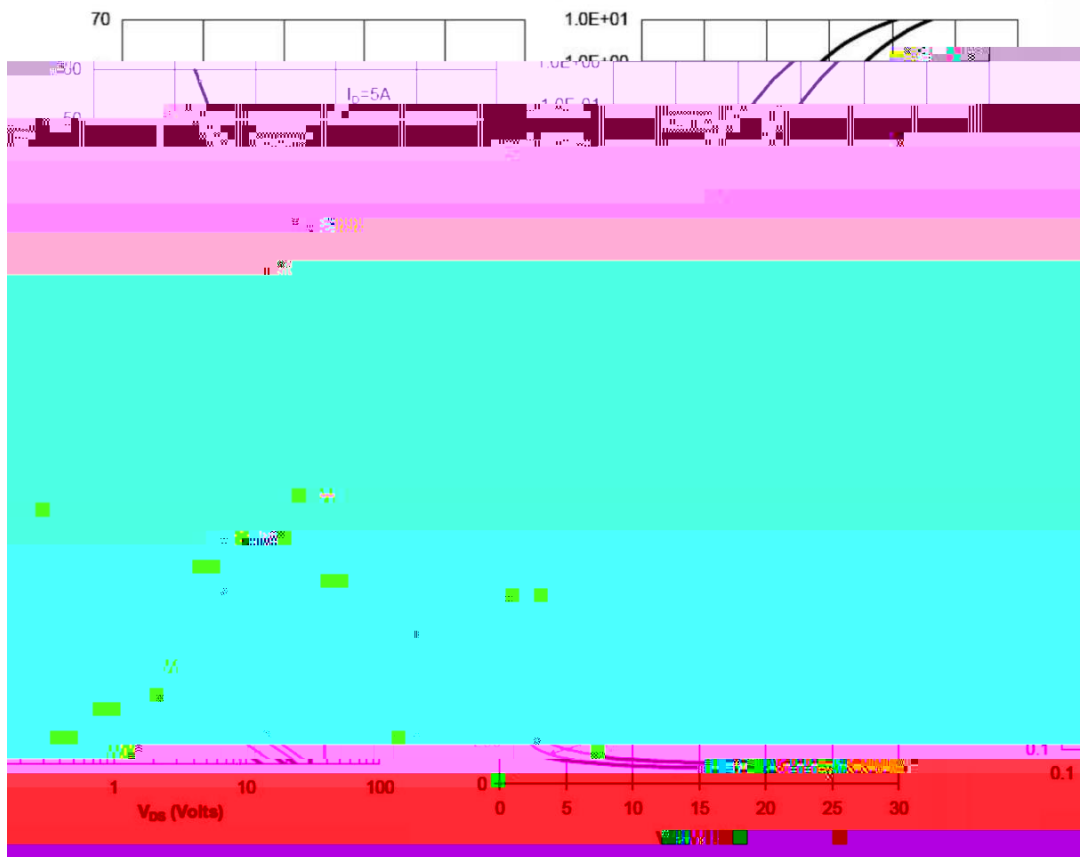
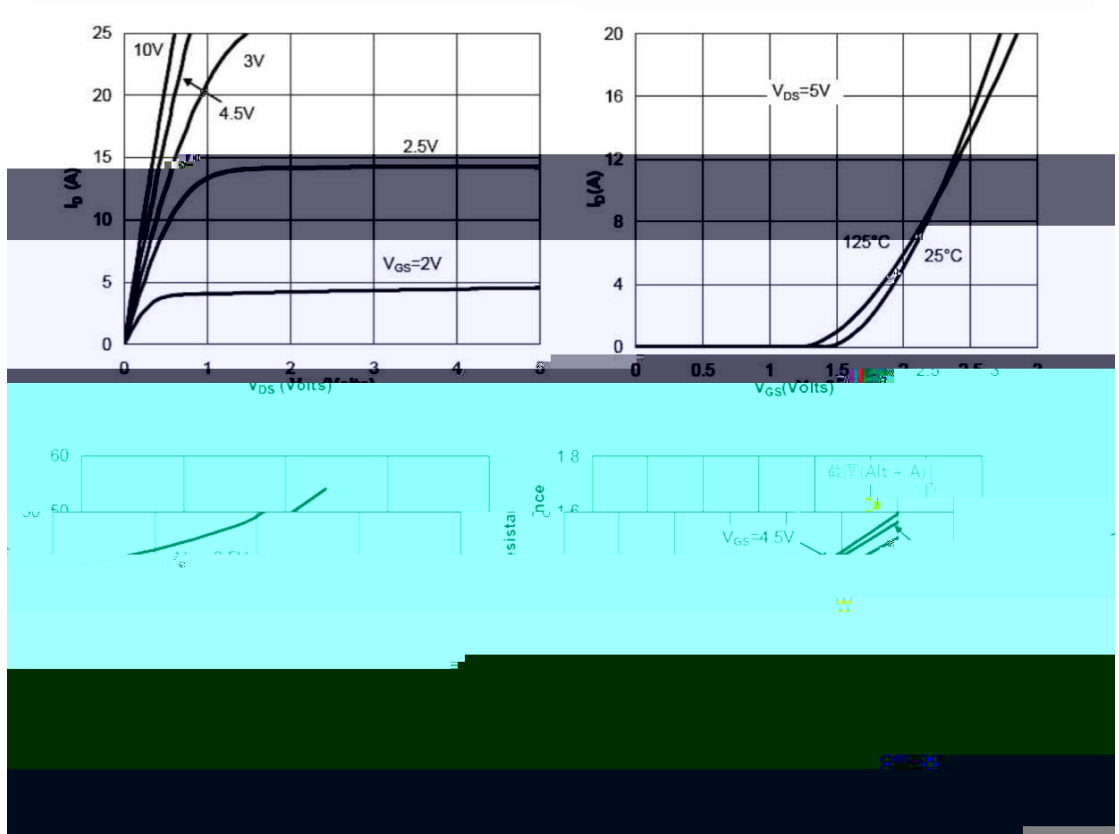
Part NO.	ZM3400
Marking	ZM3400
Packing Information	REEL TAPE
Basic ordering unit (pcs)	3000

$T_C = 25$

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DS}$	30	V
Gate-Source Voltage	$V_{GS}$	12	V
Continuous Drain Current	$I_{D@TC=25}$	5.8	A
	$I_{D@TC=70}$	4.9	A
	$I_{D@TC=75}$	4.4	A
	$I_{D@TC=100}$	3.65	A
Pulsed Drain Current	$I_{DM}$	30	A
Total Power Dissipation( $T_A=25$ )	$P_D@T_A=25$	1.4	W
Total Power Dissipation( $T_A=25$ )	$P_D@T_A=70$	1.0	W
Operating Junction Temperature	$T_J$	-55 to 150	
Storage Temperature	$T_{STG}$	-55 to 150	



Parameter	Symbol	Condition	Min.	Typ	Max.	Unit
Drain-Source Breakdown Voltage	$BV_{DSS}$	$V_{GS} = 0V, I_D = -250\mu A$	30			V
Gate Threshold Voltage	$V_{GS(TH)}$	$V_{GS} = V_{DS}, I_D = 250\mu A$	0.7	1.1	1.4	V
Drain-Source Leakage Current	$I_{DSS}$	$V_{DS} = 24V, V_{GS} = 0V$			1.0	$\mu A$





**Dimensions(SOT23)**

Unit mm

