Drain-Source Breakdown Voltage	V_{GS}=0V, I_D=250μA		100	-	-	
Drain-Source Leakage Current	V_{DS} = 100V, V_{GS} = 0 V		-	-	1	
	V_{DS}=100V,Tc=125°C		-	-	100	
Gate Body Leakage Current	V_{GS}=±20V, V_{DS}=0V		-	-	100	
Gate Threshold Voltage	V_{DS}= V_{GS}, I_D=250μA		1.2	-	2.5	
Drain-Source on-Resistance (Note 3)	V_{GS}=10V, I_D=20A		-	6.2		
	V_{GS} = 4.5 V, I_D = 15 A		-	9.1	11.6	
Input Capacitance	V_{DS}=50V V_{GS}=0V f=1MHz		-		-	
Output Capacitance			-	731	-	
Reverse Transfer Capacitance			-	30	-	
Total Gate Charge	V_{GS}=10V V_{DS}=50V I_D=20A		-	35.8	-	
Gate-Source Charge			-	7.8	-	
Gate-Drain Charge			-	8.8	-	
Turn-on delay time	V_{GS} = 10V V_{DS} = 50V RL = 2.5Ω RG =3Ω		-	10.7	-	
Rise Time			-	21	-	
Turn-Off Delay Time			-	31	-	
Fall Time			-	10.5	-	
Maximun Body-Diode Continuous Current (Note 2)			-	-	60	
Maximun Body-Diode Pulsed Current			-	-	180	
Drain-Source Diode Forward Voltage	V_{GS}=0V , I_S=1A , T_J=25		-	-	1.2	
Body Diode Reverse Recovery Time	I_S = I_F , ISD=20A,V_{GS} = 0 V, dI / dt = 100 A/μs (Note3)		-	40	-	
Body Diode Reverse Recovery Charge			-	41	-	

Note2:Pulse test: 300 μs pulse width, 2 % duty cycle

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
YFWG60N10AD	TO-252	0.011oz(0.32g)	2500pcs/reel	5000pcs/box 25000pcs/Carton

Package Dimensions

TO-252

Dim	Millimeter		Inches	
	Min.	Max.	Min.	Max.
A	2.20	2.50	0.087	0.098
A1	0.00	0.12	0.000	0.005
A2	2.20	2.40	0.087	0.094
B	1.20	1.60	0.047	0.063
b	0.50	0.70	0.020	0.028
b1	0.70	0.90	0.028	0.035
c	0.40	0.60	0.016	0.024
	10.00	11.00	0.393	0.433

0.70 0.60 0.087

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