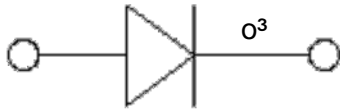


Moisture sensitivity level 1  
Reverse voltage 75V  
Average forward current 150mA

High frequency rectifier  
Signal switching



SOD-323  
Tin plated leads, solderable per  
J-STD-002 and JESD22-B102

( $T_a=25$ )

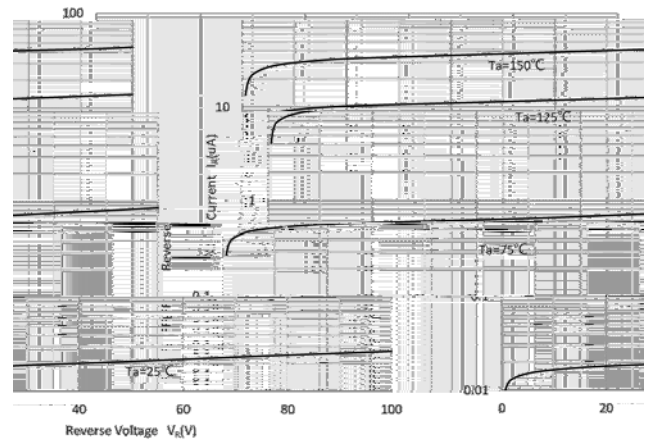
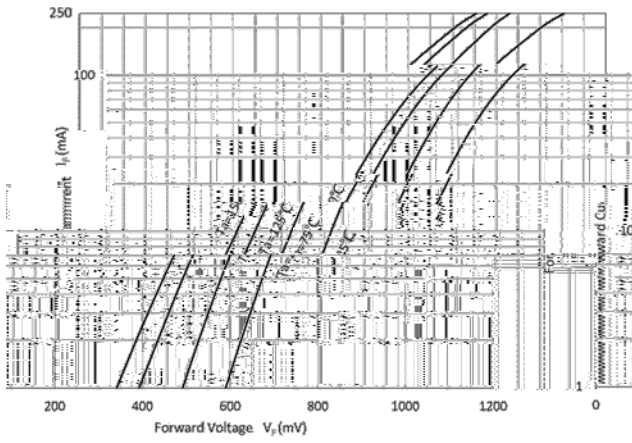
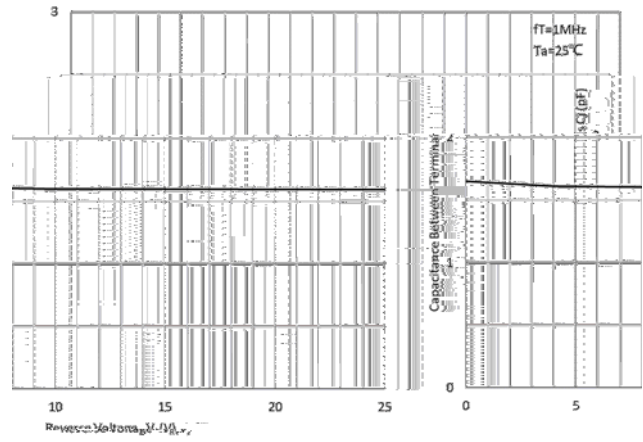
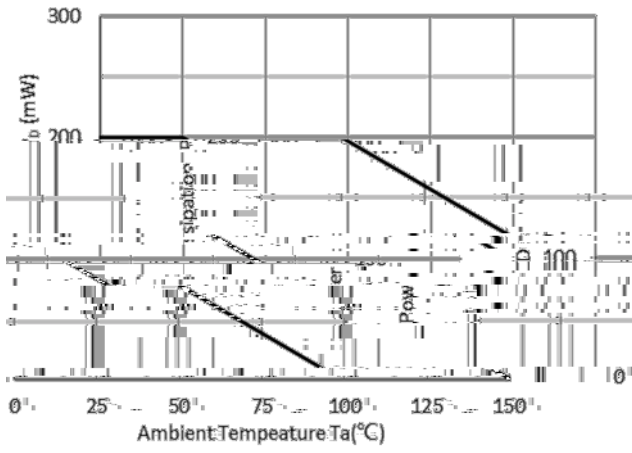
Device marking code			T4
Repetitive peak reverse voltage	$V_{RRM}$	V	100
Forward current	$I_F$	mA	150
Non-repetitive surge peak forward current @ t=8.3ms half-sine wave	$I_{FSM}$	A	1
Non-repetitive surge peak forward current @ t=1ms square wave			1.5
Non-repetitive surge peak forward current @ t=1 $\mu$ s square wave			2
Power dissipation	$P_D$	mW	200
Junction temperature	$T_J$		-55 to +150
Storage temperature	$T_{STG}$		-55 to +150



Breakdown voltage	$V_R$	V	$I_R=1\mu A$	75		
Forward voltage	$V_F$	V	$I_F=10mA$			1
Reverse leakage current	$I_{R1}$	nA	$V_R=20V$			25
	$I_{R2}$	$\mu A$	$V_R=75V$			1
Junction capacitance	$C_j$	pF	$V_R=0V, f=1MHz$			4
Reverse recovery time	$T_{rr}$	ns	$I_F=10mA, V_R=6V$ $I_{rr}=1mA, R_L=100$			4

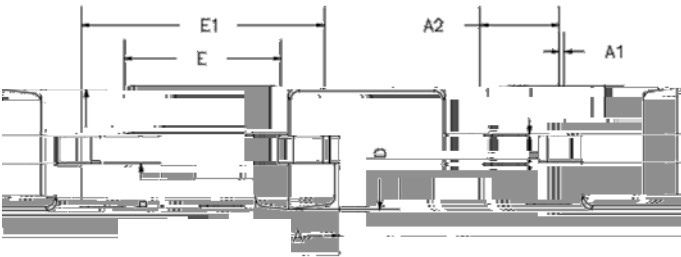
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Tbo

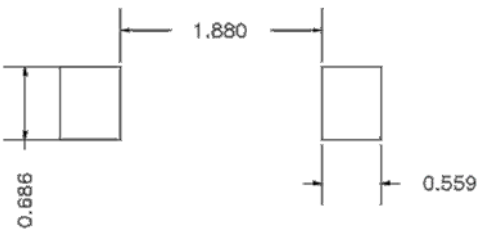




1N4148WS	F2	Approximate 0.0048	3000	30000	120000	7" reel
1N4148WS	F3	Approximate 0.0048	10000	/	210000	13" reel



DIMENSIONS				
MAX	DIM	INCHES		MM
		MIN	MAX	MIN
0.0098	A1	0.0000	0.0020	0.0000
0.9000	A2	0.0314	0.0354	0.8000
b		0.0098	0.2500	0.4000





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