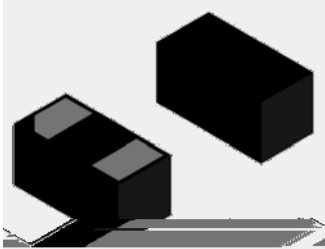




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General Description

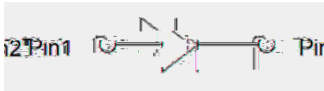


Features

- Moisture sensitivity level 1
- Reverse voltage 85V
- Average forward current 150mA

Applications

- High freq



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

Electrical Characteristics (Ta=25°C Unless otherwise specified)

Parameter	Symbol	Unit	Value
Device marking code			T4
Repetitive peak reverse voltage	V_{RRM}	V	85

$t=8.3ms$ half-sine wave

Non-repetitive surge peak forward current @ t=1ms square wave	I_{FSM}	A	1.5
Power dissipation	P_D	mW	100
Junction temperature	T_J	°C	-55 to +150
Storage temperature	T_{STG}	°C	-55 to +150



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DUfU a YhYf'	Gma Vc''	I b]h'	7cbX[h]cbg'	A]b'	Hmd'	AUI'
Reverse voltage	V_R	V	$I_R=0.1\text{mA}$	85		
Forward voltage	V_{F1}	V	$I_F=1\text{mA}$			0.715
	V_{F2}	V	$I_F=10\text{mA}$			0.855
	V_{F3}	V	$I_F=50\text{mA}$			1.0
	V_{F4}	V	$I_F=150\text{mA}$			1.25
Reverse leakage current	I_{R1}	nA	$V_R=20\text{V}$			25
	I_{R2}	uA	$V_R=75\text{V}$			1
Junction capacitance	C_j	pF	$V_R=0\text{V}, f=1\text{MHZ}$			4
Reverse recovery time	T_{rr}	ns	$I_F=10\text{mA}, V_R=6\text{V},$ $I_{rr}=1\text{mA}, R_L=100$			4

DUfU a YhYf'	Gma Vc''	I b]h'	JU' i Y'
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Thermal resistance, junction-to-ambient

R

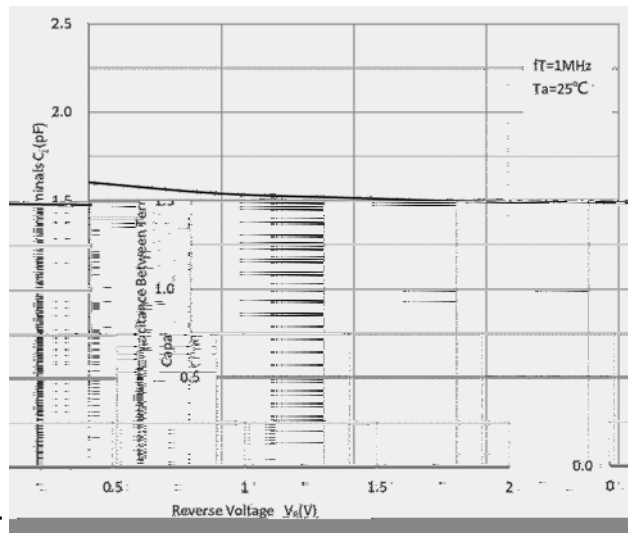
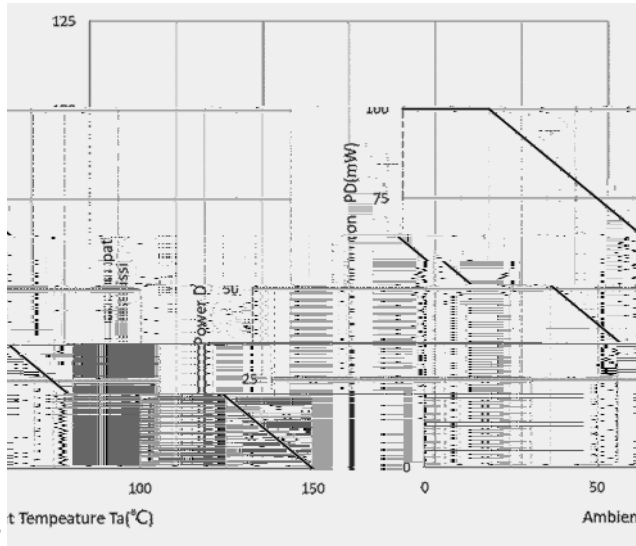


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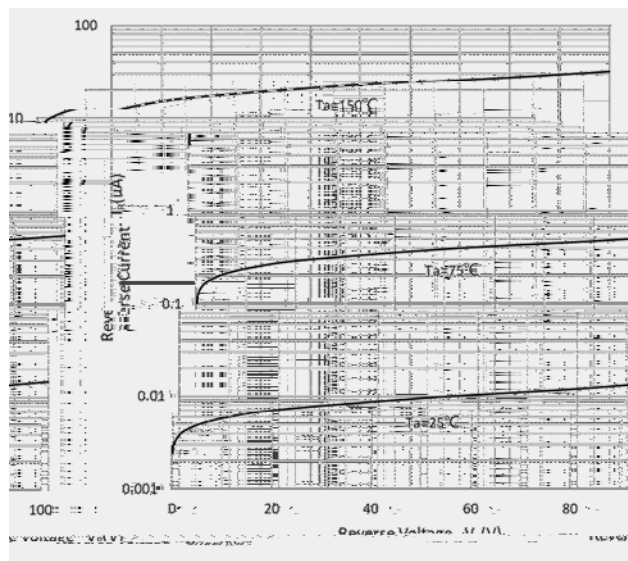
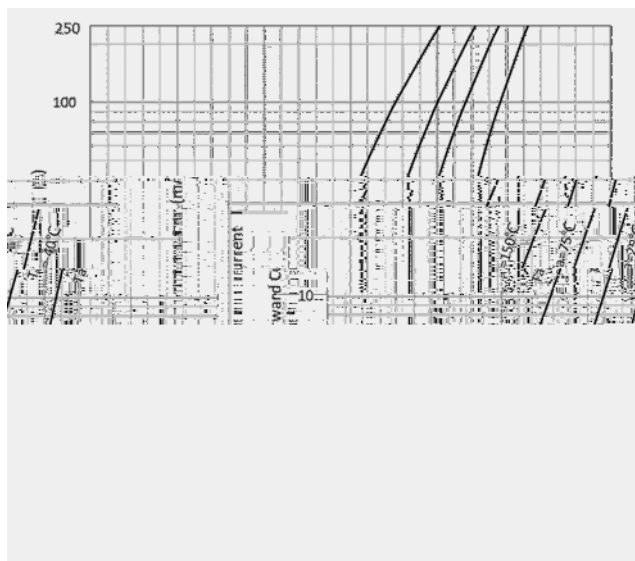
7 \ UfUWhYf]gh]Wg

:][% D8!HU'7 ifjY :][& 7UdUW]hUbWY'7UdUVY']hm'



:][' Hmd]WU' : cf kUfX' 7 \ UfUWhYf]gh]Wg

:][(Hmd]WU' FYjYfgY' 7 \ UfUWhYf]gh]Wg





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DfYZYffYX'D#B`	DUW_]b[`` WcXY`	l b]i' k Y][\hfl a [L`	A]b] a i a ` dUW_U[YfidWgt	=bbYf`Vc l`
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