

SONY

1T33/1T33A

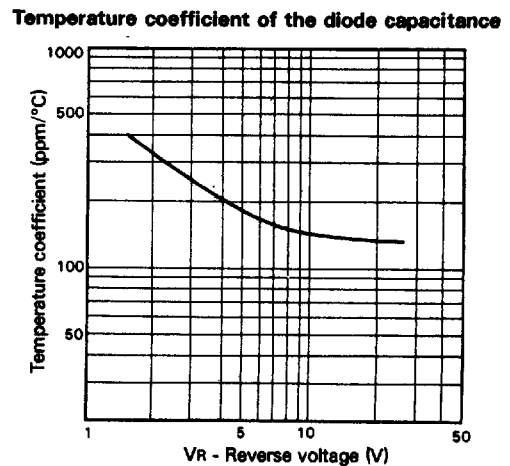
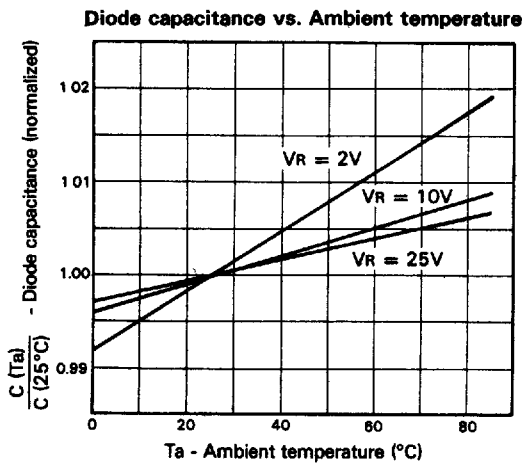
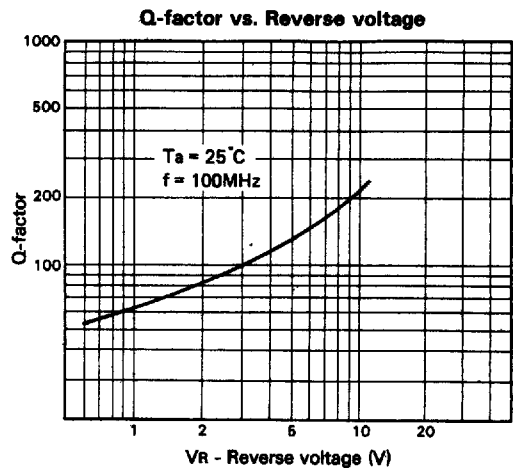
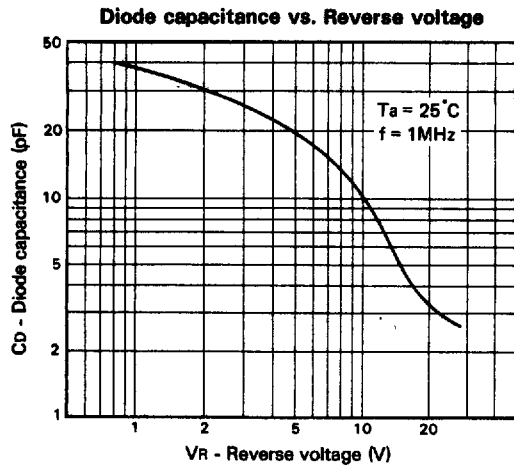
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Electrical Characteristics

Ta = 25°C

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Reverse current	I_R	$V_R = 28V$.10	nA
Diode capacitance	C_2	$V_R = 2V, f = 1\text{ MHz}$	27.19		32.03	pF
	C_{25}	$V_R = 25V, f = 1\text{ MHz}$	2.71		3.04	pF
Serial resistance	r_s	$C_D = 14\text{ pF}, f = 470\text{ MHz}$		0.7	0.8	Ω
Maximum-capacitance deviation in the same ranking*	ΔC	$V_R = 2\text{ to }25V, f = 1\text{ MHz}$			3 (1T33) 2 (1T33A)	%

*Note) Applied only to tuning.

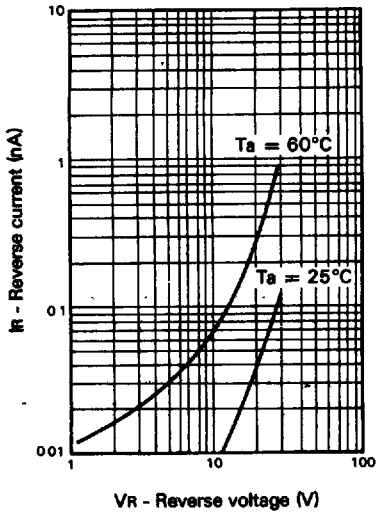


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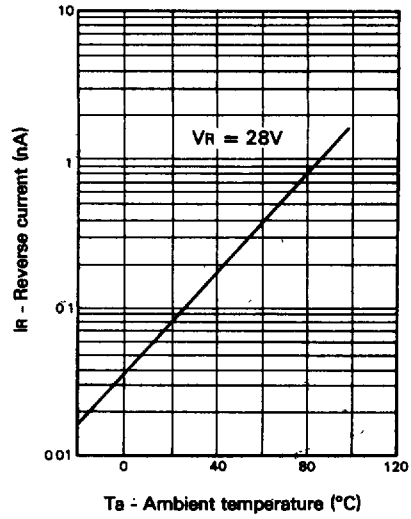
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Reverse current vs. Reverse voltage



Reverse current vs. Ambient temperature



Reverse breakdown voltage vs. Ambient temperature

