

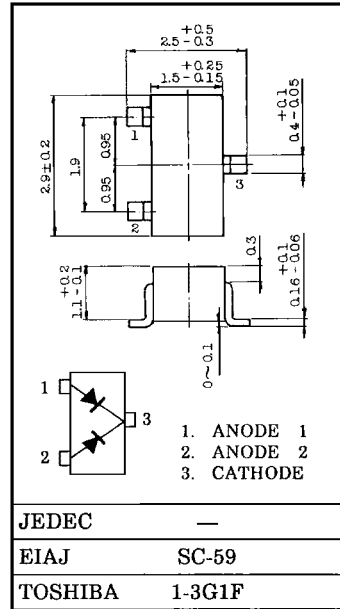
ELECTRONIC TUNING APPLICATIONS OF FM RECEIVERS.

Unit in mm

- Low Series Resistance : $r_s = 0.35$ (Typ.)
- Small Package

MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	32	V
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-55~125	$^\circ\text{C}$



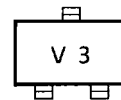
Weight : 0.013g

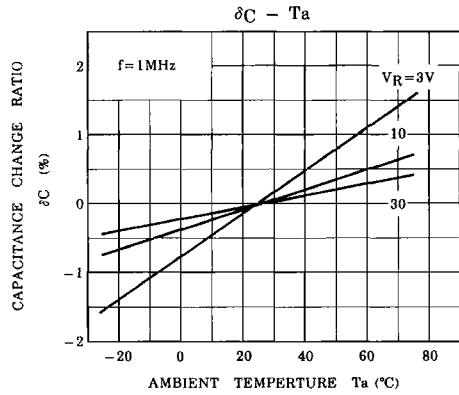
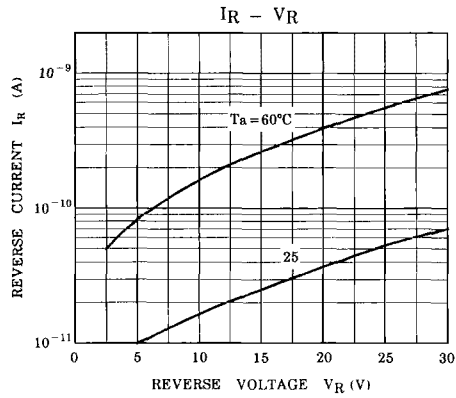
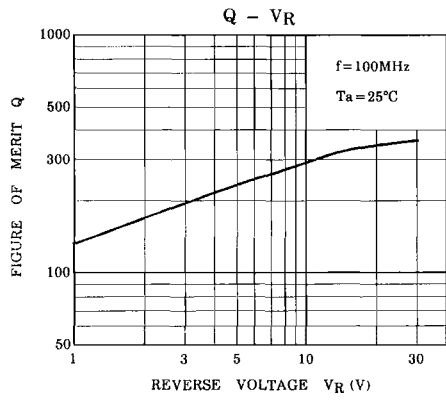
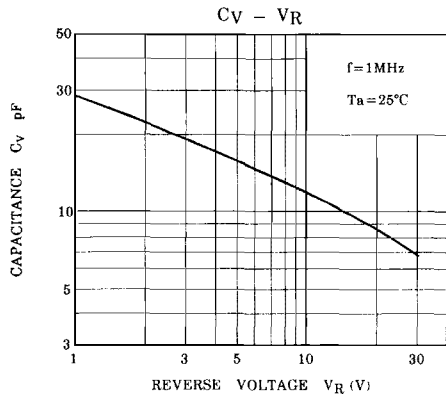
ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R = 10\mu\text{A}$	32	—	—	V
Reverse Current	I_R	$V_R = 30\text{V}$	—	—	50	nA
Capacitance	C_{3V}	$V_R = 3\text{V}, f = 1\text{MHz}$ (Note)	18.5	19.7	21	pF
Capacitance	C_{30V}	$V_R = 30\text{V}, f = 1\text{MHz}$ (Note)	6.6	7.2	7.7	pF
Capacitance Ratio	C_{3V} / C_{30V}	— (Note)	2.6	—	2.9	—
Series Resistance	r_s	$V_R = 3\text{V}, f = 100\text{MHz}$ (Note)	—	0.35	0.5	Ω

Note: Characteristic between Anode 1 and Anode 2

Marking





NOTE : $\delta C = \frac{C(T_a) - C(25)}{C(25)} \times 100$