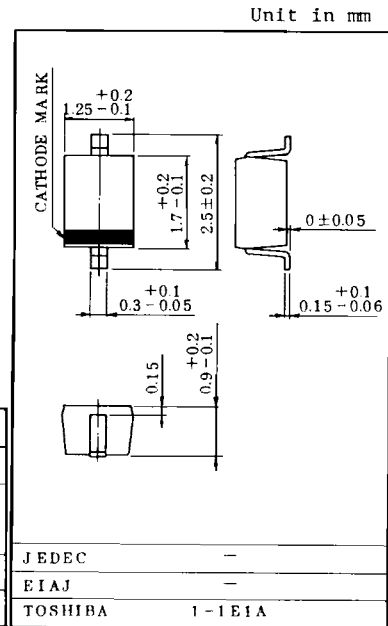


TV TUNING.

- High Capacitance Ratio : $C_{2V}/C_{25V}=6.5(\text{Typ.})$
- Low Series Resistance : $r_s=0.4\Omega(\text{Typ.})$
- Excellent C-V Characteristics, and Small Tracking Error.
- Useful for Small Size Tuner.

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

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	30	V
Peak Reverse Voltage	V_{RM}	35 ($R_L=10k\Omega$)	V
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	$-55\sim 125$	$^\circ\text{C}$



Weight : 0.004g

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

CHARACTERISTIC	SYMBOL	TEST CONDITON	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R=1\mu\text{A}$	30	—	—	V
Reverse Current	I_R	$V_R=28\text{V}$	—	—	10	nA
Capacitance	C_{2V}	$V_R=2\text{V}, f=1\text{MHz}$	14.16	—	16.25	pF
Capacitance	C_{25V}	$V_R=25\text{V}, f=1\text{MHz}$	2.11	—	2.43	pF
Capacitance Ratio	C_{2V}/C_{25V}	—	5.90	6.50	7.15	—
Series Resistance	r_s	$V_R=5\text{V}, f=470\text{MHz}$	—	0.4	0.55	Ω

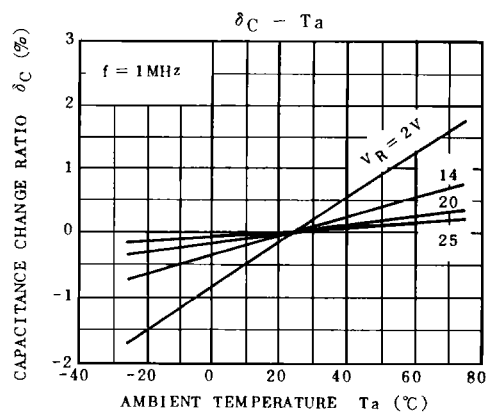
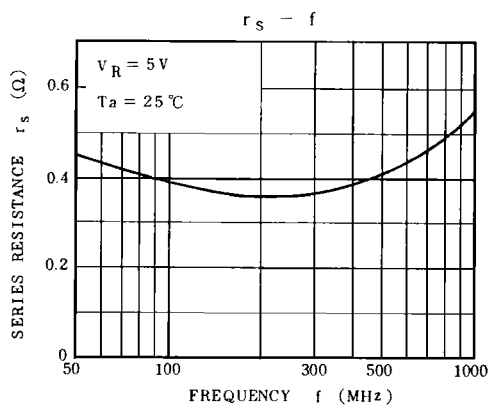
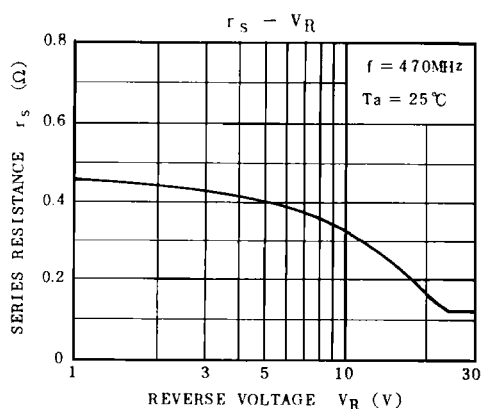
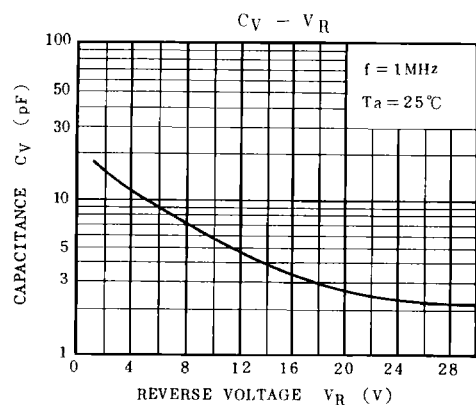
Note 1 : Units are compounded in one package and are matched to 2.5%.

$$\frac{C(\text{Max.})-C(\text{Min.})}{C(\text{Min.})} \leq 0.025$$

 $(V_R=2\sim 25\text{V})$

Marking





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