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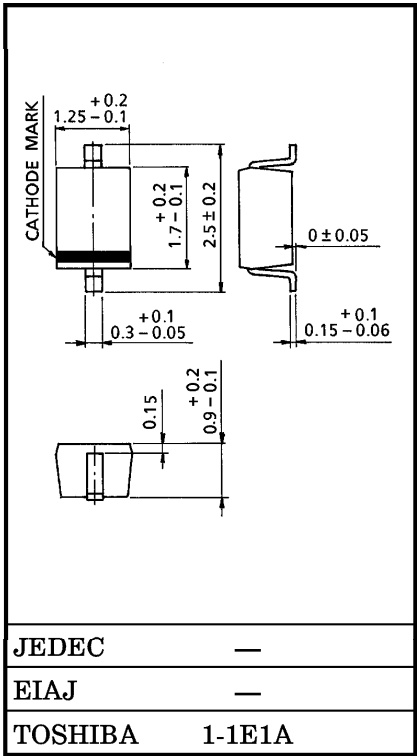
TV TUNING

Unit in mm

- High Capacitance Ratio : C2V / C25V=6.5 (Typ.)
- Low Series Resistance : $r_s=0.4\Omega$ (Typ.)
- Excellent C-V Characteristics, and Small Tracking Error.
- Useful for Small Size Tuner.

MAXIMUM RATINGS (Ta = 25°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	°C
Storage Temperature Range	T_{stg}	-55~125	°C



Weight : 0.004g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R=1\mu A$	30	—	—	V
Reverse Current	I_R	$V_R=28V$	—	—	10	nA
Capacitance	C2V	$V_R=2V, f=1MHz$	14.16	—	16.25	pF
Capacitance	C25V	$V_R=25V, f=1MHz$	2.11	—	2.43	pF
Capacitance Ratio	C2V / C25V	—	5.90	6.50	7.15	—
Series Resistance	r_s	$V_R=5V, f=470MHz$	—	0.4	0.55	Ω

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

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

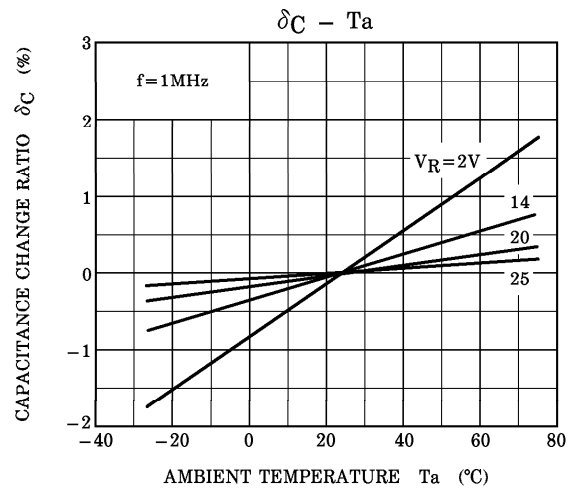
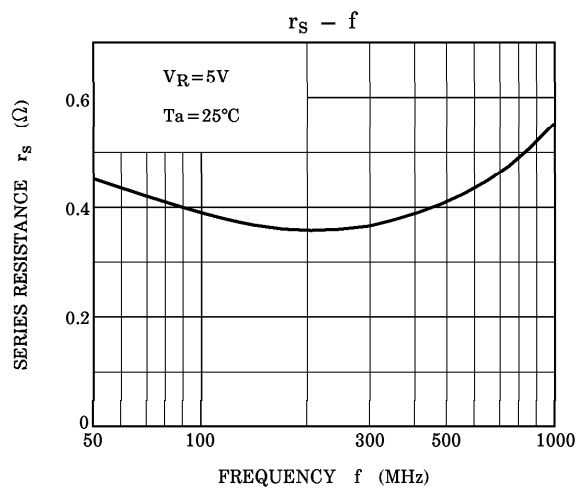
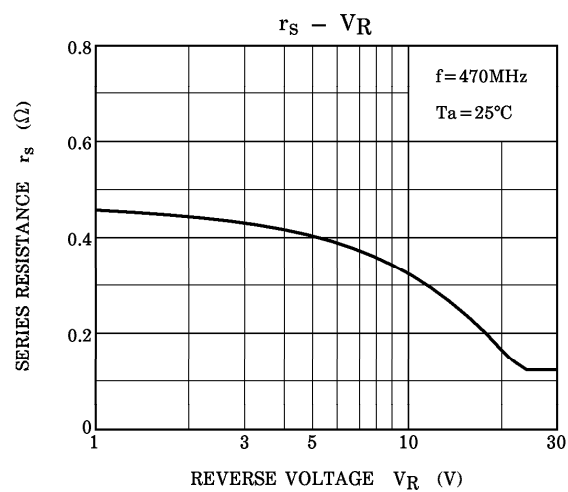
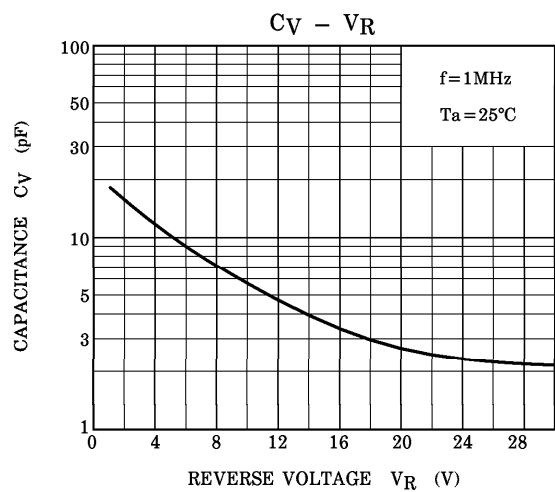
($V_R=2\sim 25V$)

MARKING



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