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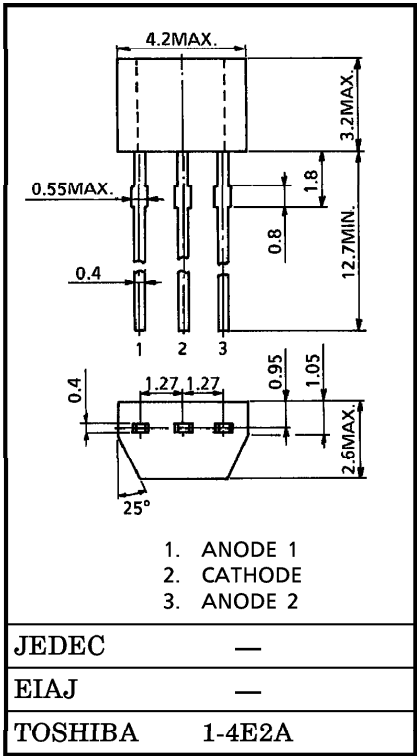
FM RADIO BAND TUNING APPLICATIONS

Unit in mm

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

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	32	V
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	-55~125	°C

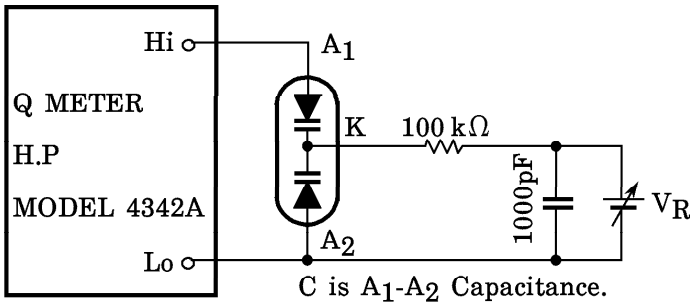


ELECTRICAL CHARACTERISTICS (Ta = 25°C)

Weight : 0.13 g

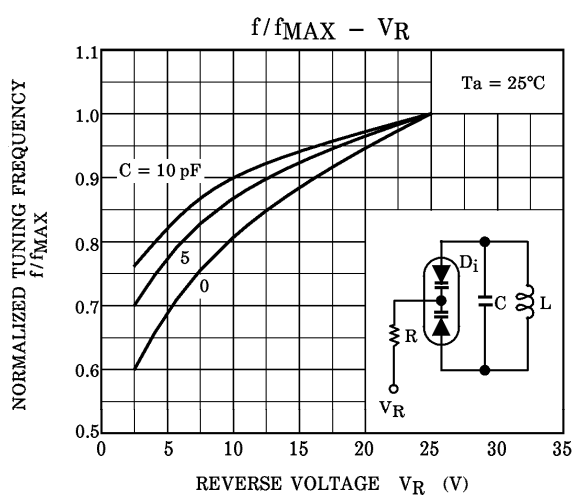
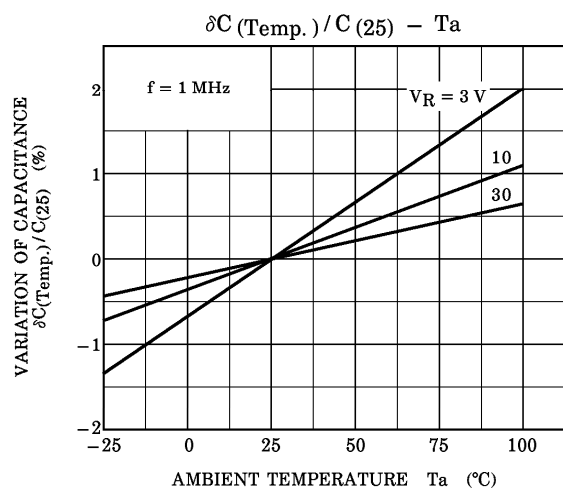
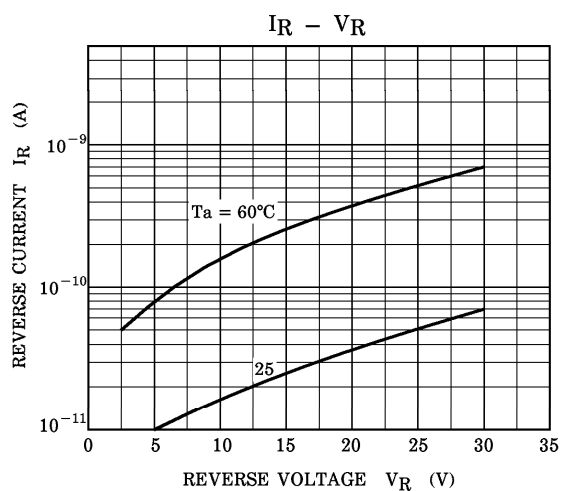
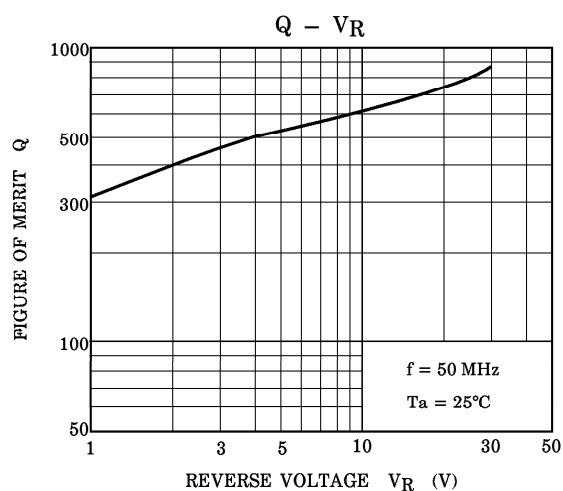
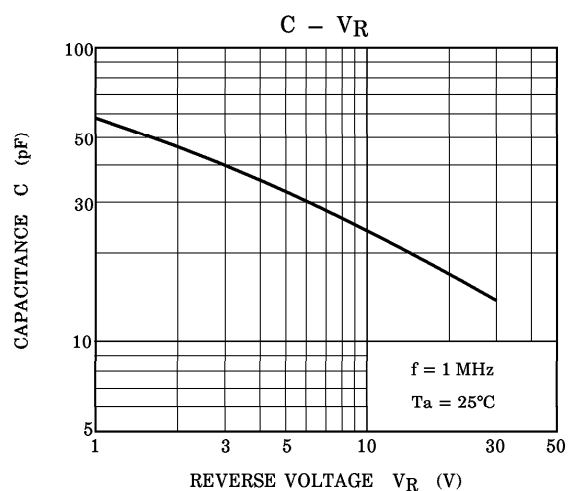
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R = 10 \mu A$	32	—	—	V
Reverse Current	I_R	$V_R = 30 V$	—	—	50	nA
Capacitance	C_{3V}	$V_R = 3 V, f = 1 MHz$	37	—	42	pF
Capacitance	C_{30V}	$V_R = 30 V, f = 1 MHz$	13.2	—	16.2	pF
Capacitance Ratio	C_{3V} / C_{30V}	—	2.6	—	2.9	
Series Resistance	r_s	$C = 20 pF, f = 50 MHz$ (Note)	—	0.35	0.60	Ω

(Note) : r_s Test circuit



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