

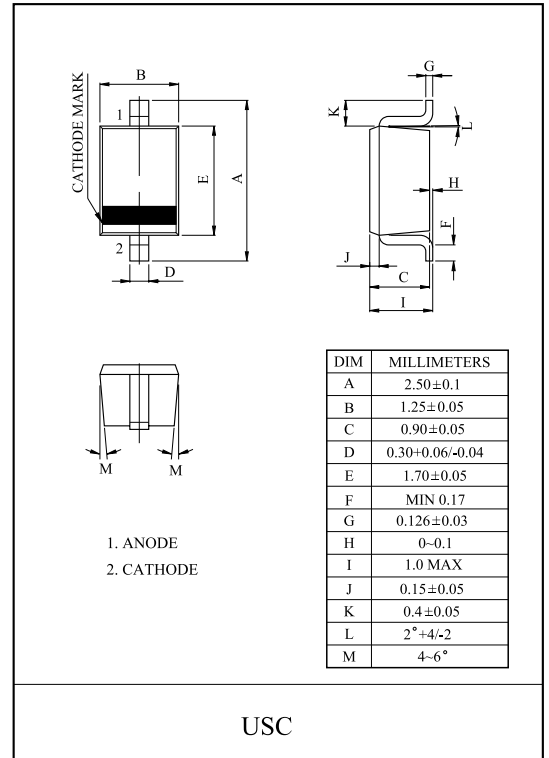
FM RADIO BAND TUNING APPLICATION.

#### FEATURES

- High Capacitance Ratio :  $C_{1V}/C_{5V}=5.0(\text{Min.})$
- Excellent C-V Characteristics.
- Variations of Capacitance Values is Little.
- Small Package.

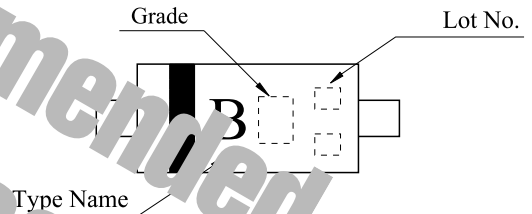
#### MAXIMUM RATING (Ta=25 )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	$V_R$	16	V
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	



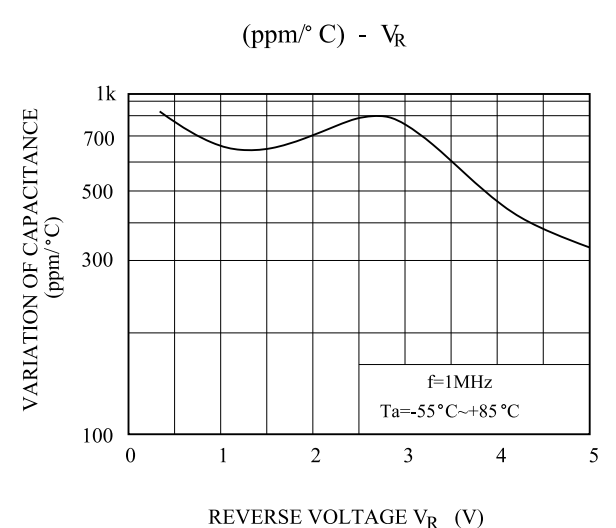
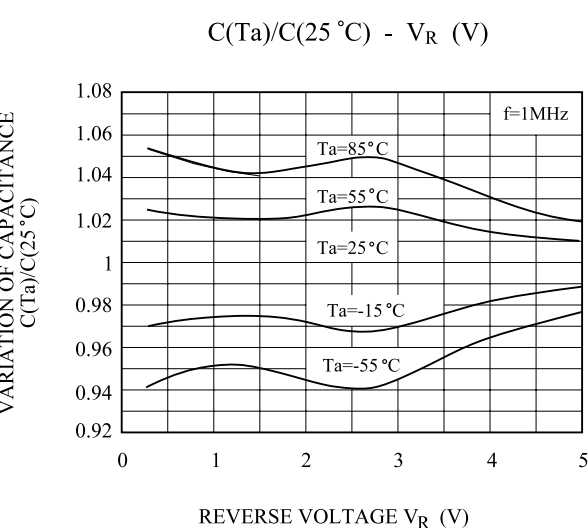
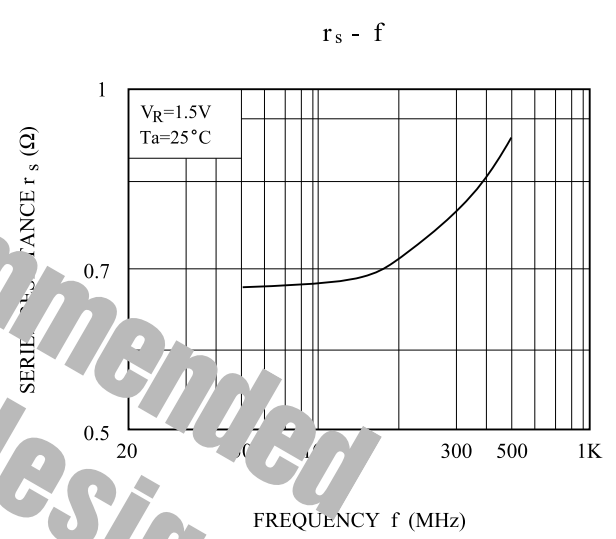
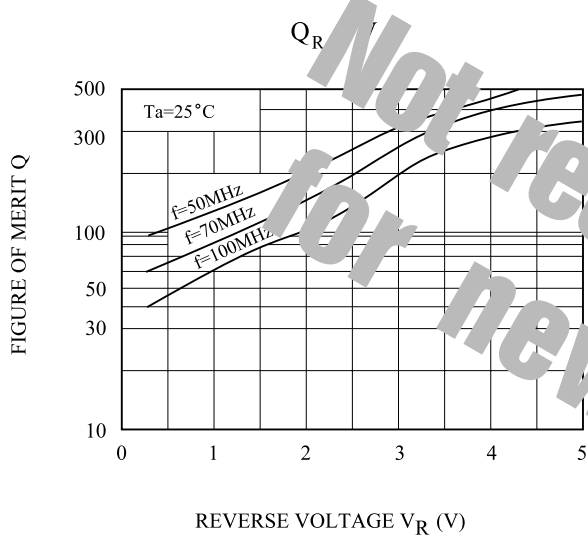
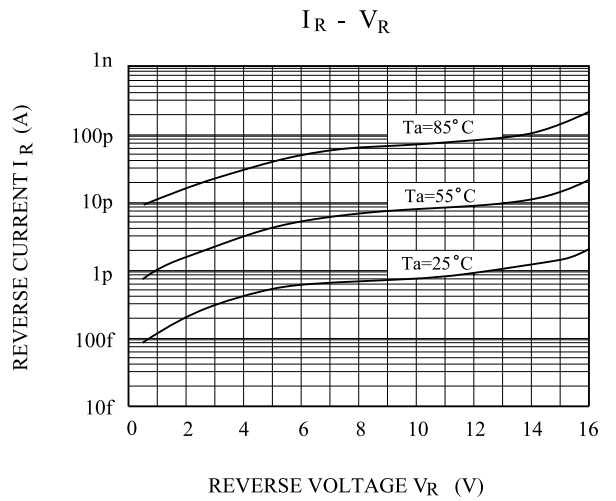
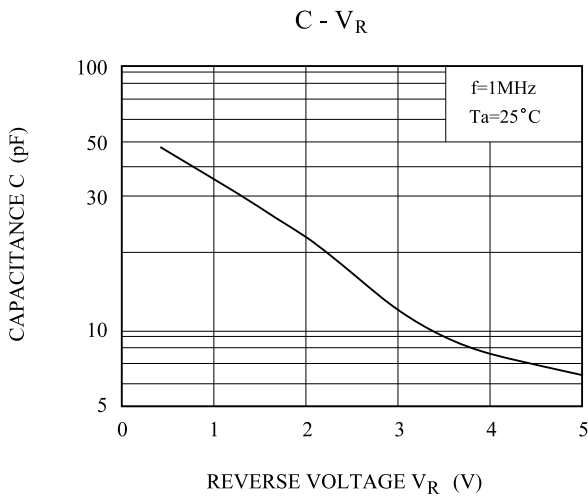
GRADE	CAPACITANCE(C <sub>1V</sub> )	UNIT
B	33.30 ~ 47.13	pF
C	36.17 ~ 50.9	pF

#### Marking



#### ELECTRICAL CHARACTERISTICS (Ta=25 )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	$V_R$	$I_R=10 \mu A$	-	-	-	V
Reverse Current	$I_R$	$V_R=10V$	-	-	50	nA
Capacitance	$C_{1V}$	$V_R=1V, f=1MHz$	30.16	35.60	40.99	pF
	$C_{4.5V}$	$V_R=4.5V, f=1MHz$	6.2	7.7	9.2	
Capacitance Ratio	K	$C_{1V}/C_{5V}, f=1MHz$	5.0	-	-	
Series Resistance	$r_s$	$V_R=1.5V, f=100MHz$	-	0.8	1.0	



Not recommended for new design