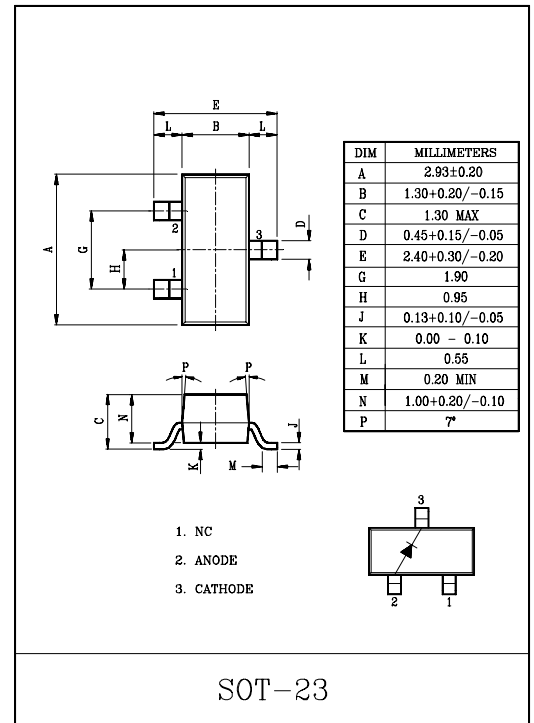
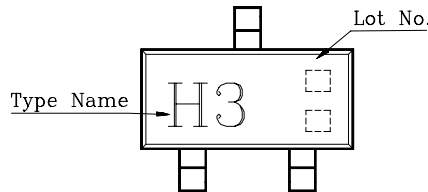


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

### MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	$V_R$	20	V
Junction Temperature	$T_j$	150	°C
Storage Temperature Range	$T_{stg}$	-55~150	°C

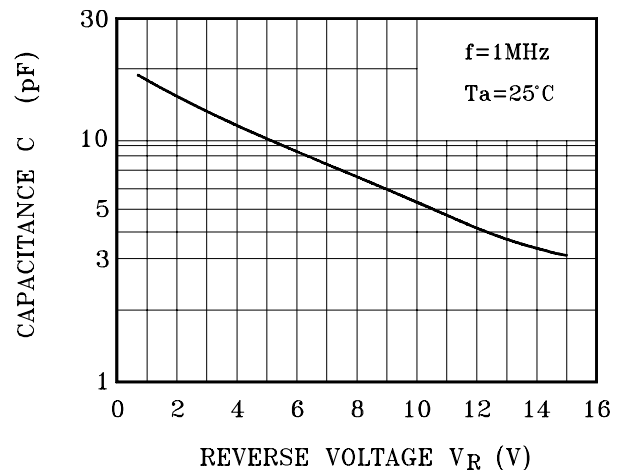
### Marking



### ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	$V_R$	$I_R=1\mu A$	20	-	-	V
Reverse Current	$I_R$	$V_R=20V$	-	-	10	nA
Capacitance	$C_{2V}$	$V_R=2V, f=1MHz$	14.16	-	16.25	pF
Capacitance	$C_{10V}$	$V_R=10V, f=1MHz$	4.5	-	6.0	pF
Capacitance Ratio	$C_{2V}/C_{10V}$		2.5	-	-	
Series Resistance	$r_s$	$V_R=5V, f=470MHz$	-	-	0.6	Ω

### C - V<sub>R</sub>



### CLASSIFICATION OF CAPACITANCE GRADE

GRADE	CAPACITANCE (C <sub>2V</sub> )	UNIT
A	14.16~15.00	pF
B	14.50~15.40	
C	14.90~15.90	
D	15.40~16.25	