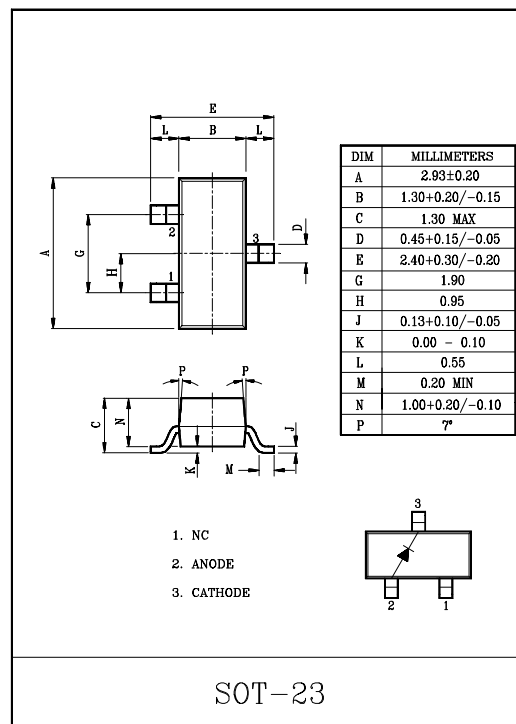
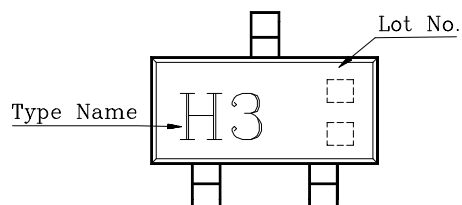


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

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

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	20	V
Junction Temperature	T_j	150	$^{\circ}\text{C}$
Storage Temperature Range	T_{stg}	$-55\sim 150$	$^{\circ}\text{C}$

Marking

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

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

C - V_R

CLASSIFICATION OF CAPACITANCE GRADE

GRADE	CAPACITANCE (C_{2V})	UNIT
A	14.16~15.00	pF
B	14.50~15.40	
C	14.90~15.90	
D	15.40~16.25	

