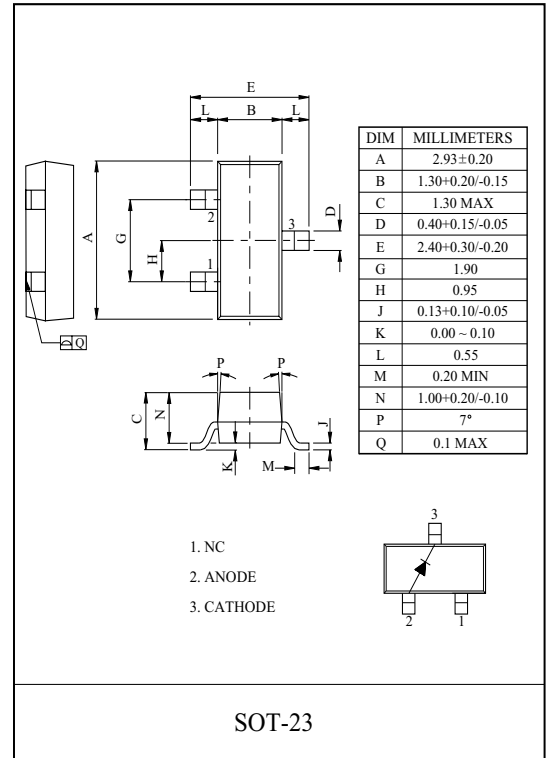
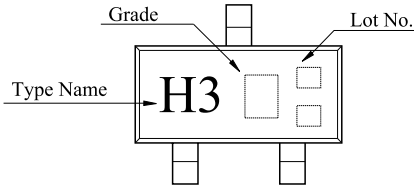


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

MAXIMUM RATING (Ta=25 )

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

Marking



ELECTRICAL CHARACTERISTICS (Ta=25 )

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	

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	

C -  $V_R$

