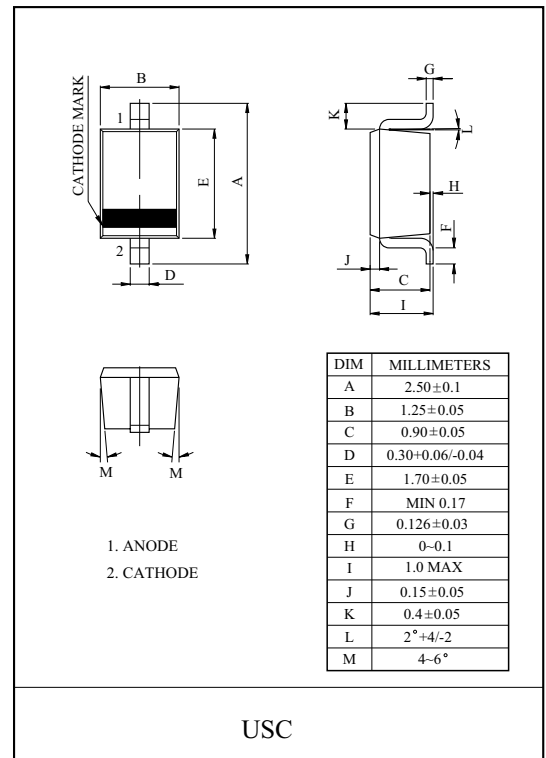


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

### MAXIMUM RATING (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



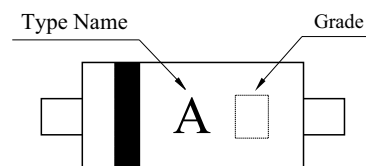
### ELECTRICAL CHARACTERISTICS (Ta=25 °C)

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	$C_{2V}$	$V_R=2V, f=1MHz$	13.90	-	16.10	pF
Capacitance	$C_{10V}$	$V_R=10V, f=1MHz$	4.5	-	6.0	pF
Capacitance Ratio	$C_{2V/20V}$		2.5	-	-	
Series Resistance	$r_S$	$V_R=5V, f=470MHz$	-	-	0.6	$\Omega$

### CLASSIFICATION OF CAPACITANCE GRADE

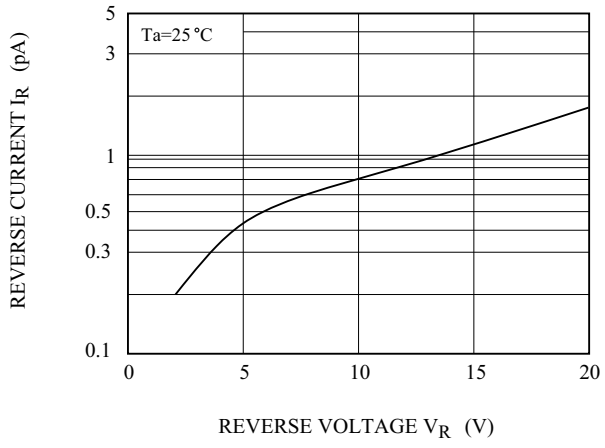
GRADE	CAPACITANCE( $C_{2V}$ )	UNIT
A	13.90 ~ 15.00	pF
B	14.50 ~ 15.40	
C	14.90 ~ 15.90	
D	15.40 ~ 16.10	

### Marking



# KDV154

$I_R - V_R$



$C - V_R$

