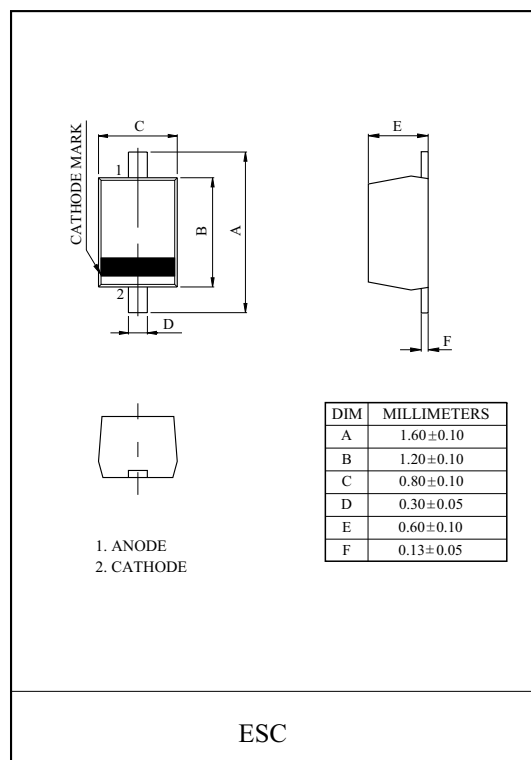


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

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	℃



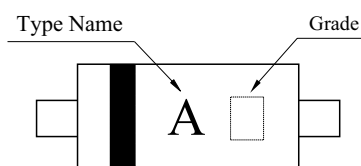
ELECTRICAL CHARACTERISTICS (Ta=25℃)

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}	$V_R=2V, f=1MHz$	13.90	-	16.10	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

CLASSIFICATION OF CAPACITANCE GRADE

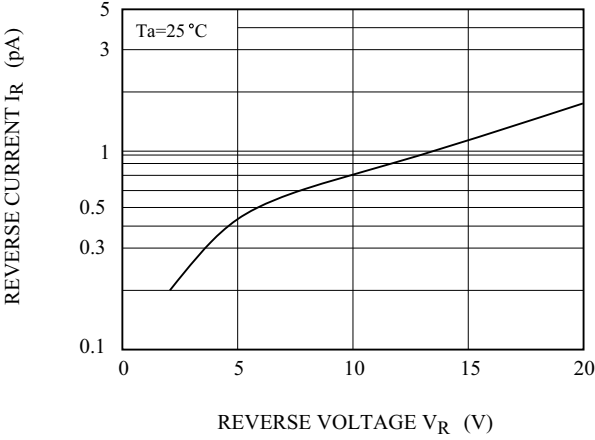
GRADE	CAPACITANCE (C_2V)	UNIT
A	13.90 ~ 15.00	pF
B	14.50 ~ 15.40	
C	14.90 ~ 15.90	
D	15.40 ~ 16.10	

Marking



KDV154E

$I_R - V_R$



$C - V_R$

