

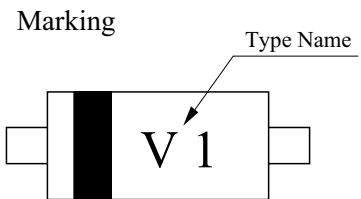
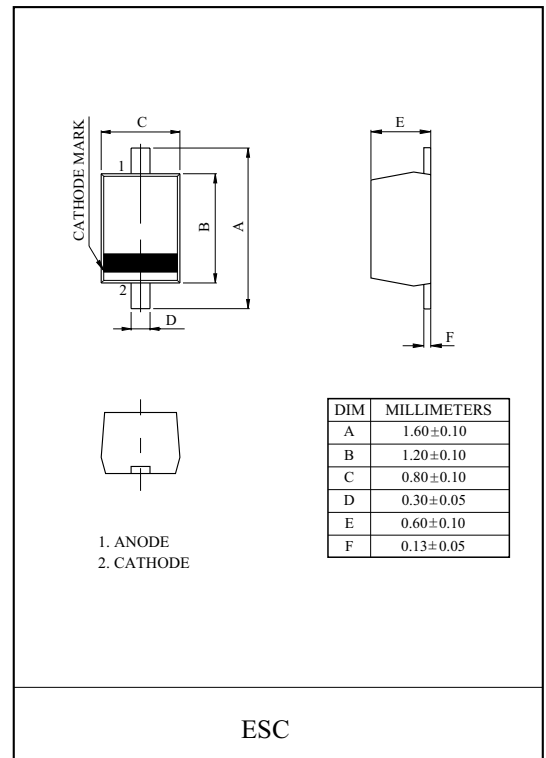
AUDIO SIGNAL TUNING.

FEATURES

- High Capacitance Ratio
- Low Series Resistance
- Small Package : ESC

MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	15	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 Current	I_R	$V_R=15V$	-	-	10	nA
Capacitance	C_{2V}	$V_R=2V, f=1MHz$	14.15	-	15.75	pF
	C_{6V}	$V_R=6V, f=1MHz$	6.26	-	8.20	
	C_{8V}	$V_R=8V, f=1MHz$	-	5.4	-	
Capacitance Ratio	C_{2V}/C_{6V}	-	1.9	-	-	-
	C_{2V}/C_{8V}	-	2.5	-	-	
Series Resistance	r_s	$V_R=5V, f=470MHz$	-	-	0.57	Ω

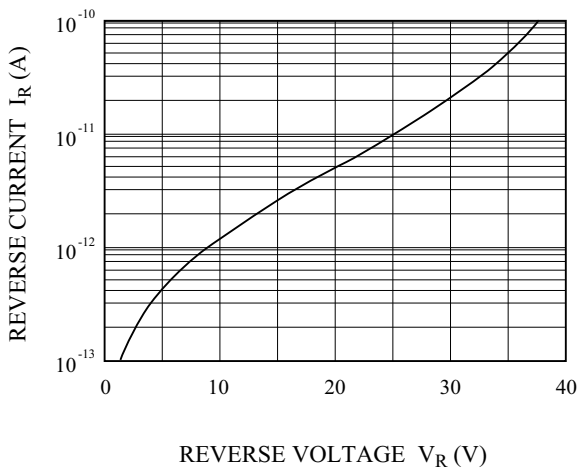
Note : Available in matched group for capacitance to 2.0%.

$$\frac{C(\text{Max.})-C(\text{Min.})}{C(\text{Min.})} \leq 8V$$

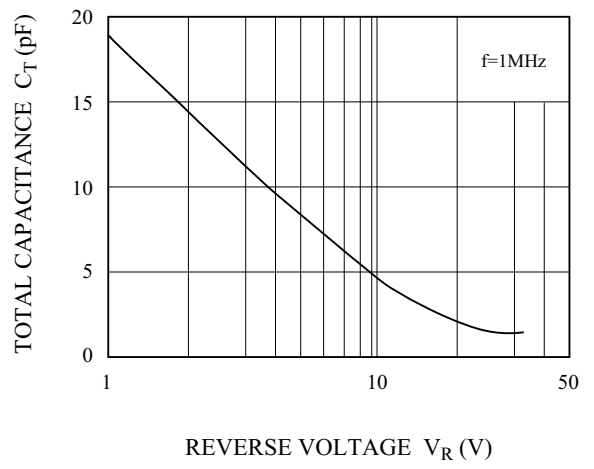
$$(V_R=2V\sim 8V)$$

KDV1484E

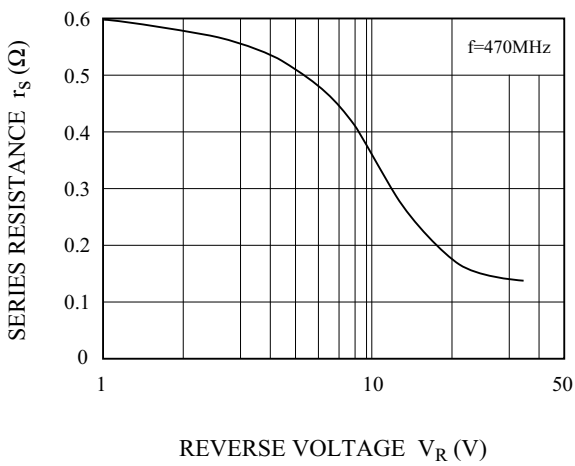
$I_R - V_R$



$C_T - V_R$



$r_s - V_R$



$\Delta(\text{LOG } C_T) / \Delta(\text{LOG } V_R) - V_R$

