

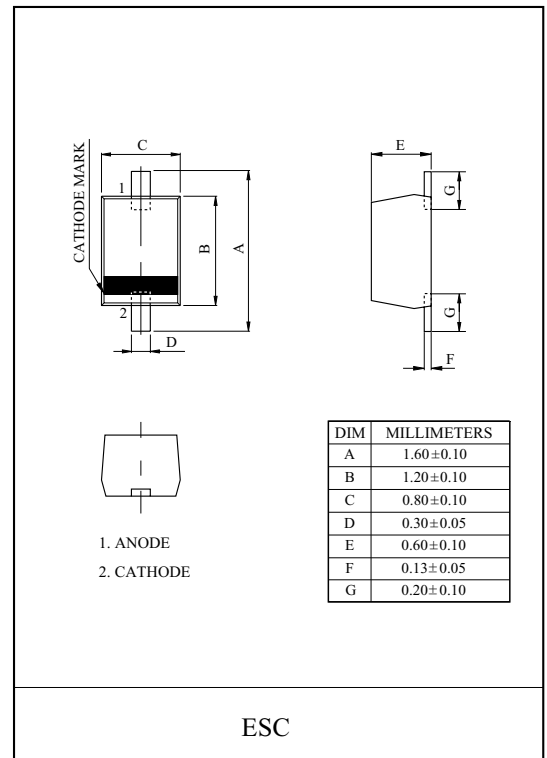
TV TUNING.

FEATURES

- High Capacitance Ratio
- Low Series Resistance

MAXIMUM RATING (Ta=25)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	32	V
Junction Temperature	T_j	125	
Storage Temperature Range	T_{stg}	-55 125	



Marking

Type Name



ELECTRICAL CHARACTERISTICS (Ta=25)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Current	I_R	$V_R=32V$	-	-	10	nA
Capacitance	C_{1V}	$V_R=1V, f=1MHz$	56.0	-	62.0	pF
	C_{2V}	$V_R=2V, f=1MHz$	-	46.0	-	pF
	C_{25V}	$V_R=25V, f=1MHz$	-	2.85	-	pF
	C_{28V}	$V_R=28V, f=1MHz$	2.45	-	2.80	pF
Capacitance Ratio	C_{1V}/C_{28V}	-	21.6	22.4	-	-
	C_{1V}/C_{2V}	-	1.25	-	-	-
	C_{25V}/C_{28V}	-	1.07	1.08	-	-
Series Resistance	r_s	$V_R=5V, f=470MHz$	-	-	1.15	

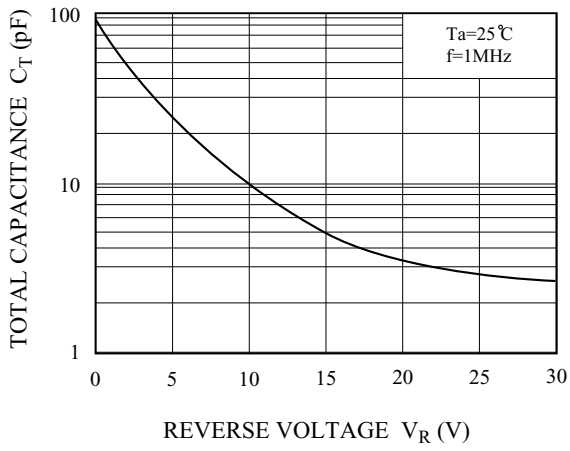
Note : Available in matched group for capacitance to 2.0%.

$$\frac{C(\text{Max.})-C(\text{Min.})}{C(\text{Min.})} \leq 0.02$$

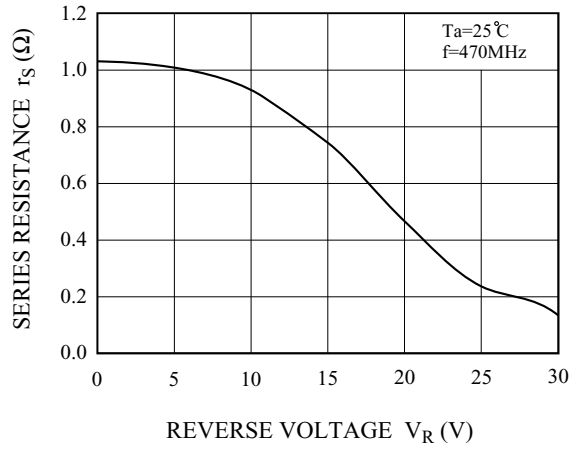
$$(V_R=1\sim 28V)$$

KDV302E

$C_T - V_R$



$r_S - V_R$



$I_R - V_R$

