

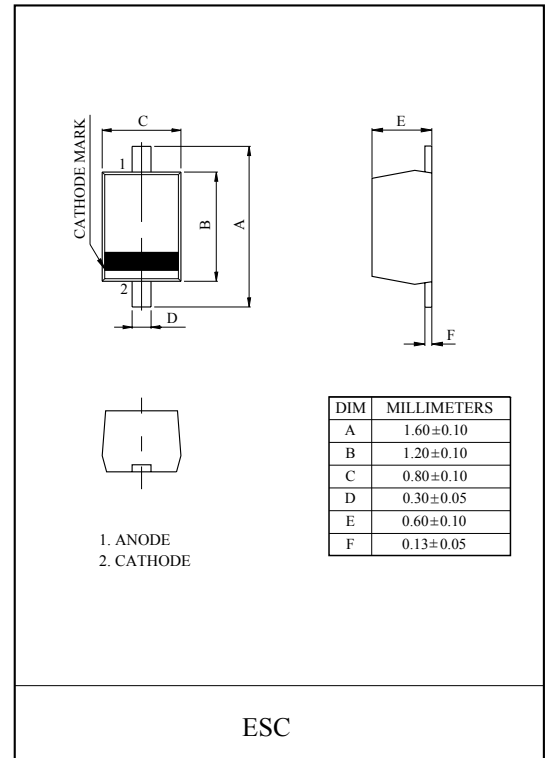
VCO.

FEATURES

- Low Series Resistance : $r_s=0.50\Omega$ (Max.)
- Small Package. (ESC Package)

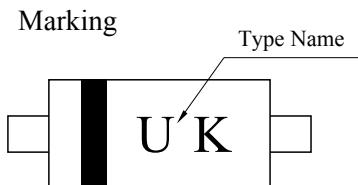
MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	15	V
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 ~ 150	°C



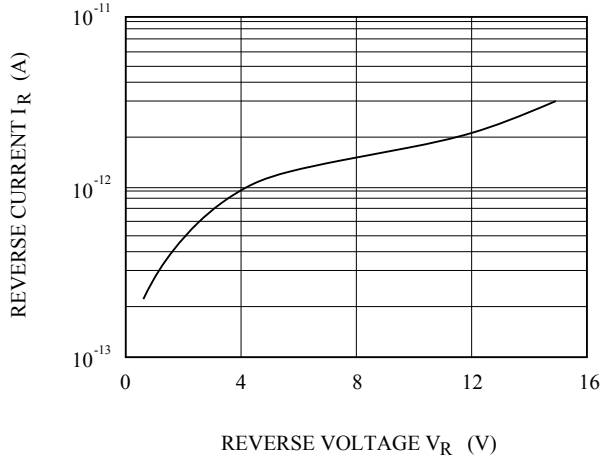
ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R=1\mu A$	15	-	-	V
Reverse Current	I_R	$V_R=15V$	-	-	10	nA
Capacitance	C_{1V}	$V_R=1V, f=1MHz$	15.0	-	17.5	pF
	C_{4V}	$V_R=4V, f=1MHz$	5.3	-	6.3	
Capacitance Ratio	K	$C_{1V}/C_{4V}, f=1MHz$	2.8	-	-	
Series Resistance	r_s	$V_R=1V, f=470MHz$	-	-	0.5	Ω

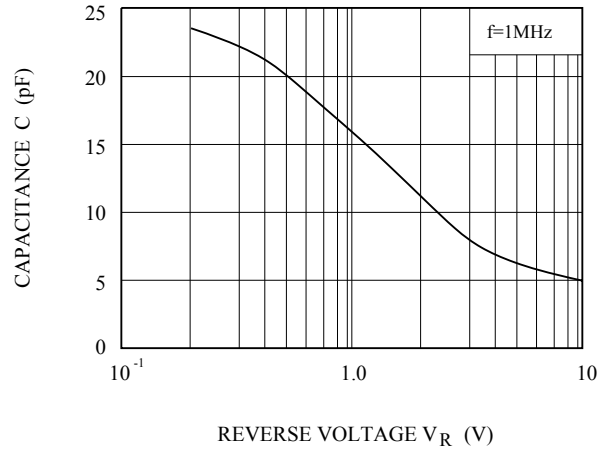


KDV350E

$I_R - V_R$



$C_R - V$



$r_s - V_R$

