

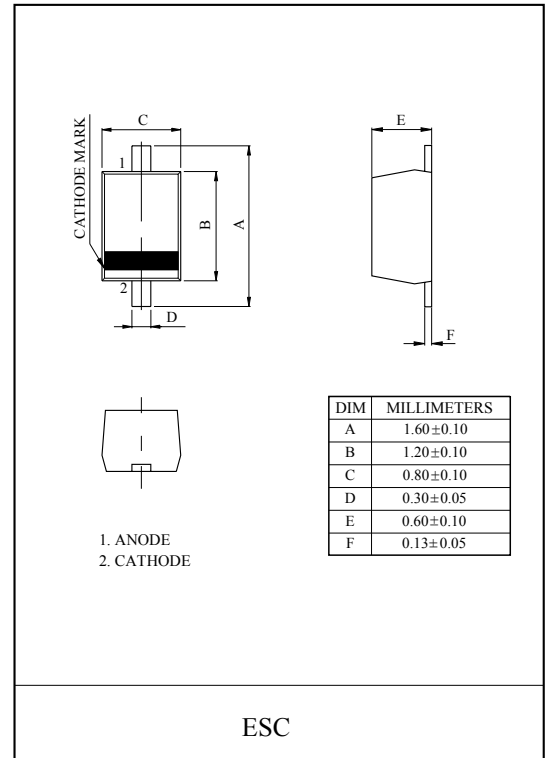
VCO FOR UHF/VHF BAND.

FEATURES

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

MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	10	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	$I_R=1\mu A$	10	-	-	V
Reverse Current	I_R	$V_R=10V$	-	-	10	nA
Capacitance	C_{1V}	$V_R=1V, f=1MHz$	19.5	-	23.5	pF
	C_{2V}	$V_R=2V, f=1MHz$	14.3	-	17.6	
Capacitance Ratio	K	-	1.3	-	-	
Series Resistance	r_s	$V_R=1V, f=470MHz$	-	-	0.5	Ω

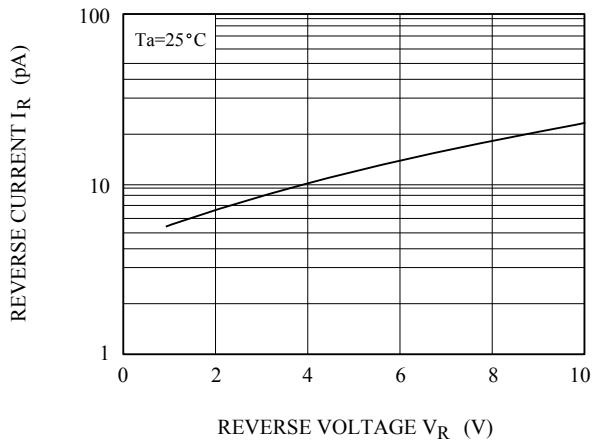
Marking

Type Name



KDV257E

$I_R - V_R$



$C - V_R$

