

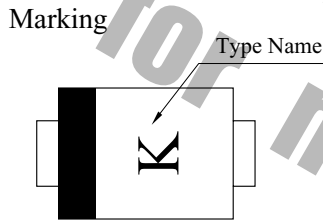
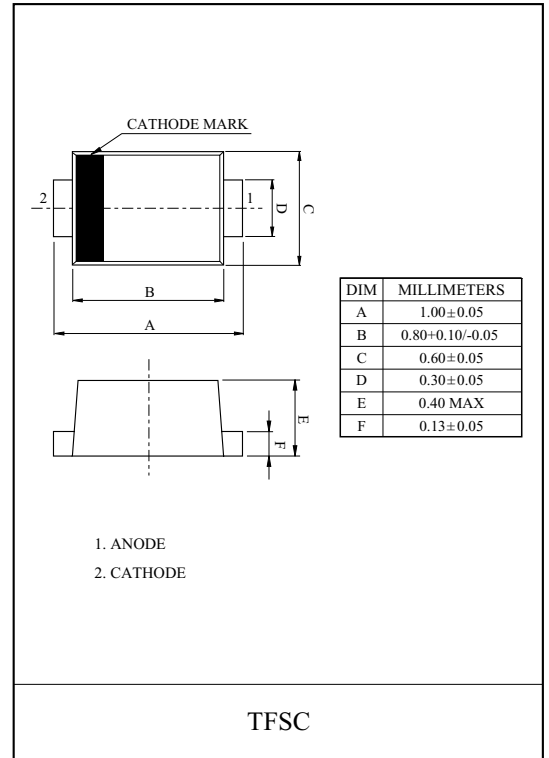
VCO FOR UHF/VHF BAND.

FEATURES

- Good C-V Linearity.
- Low Series Resistance.
- Small Package : TFSC.

MAXIMUM RATING (Ta=25)

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

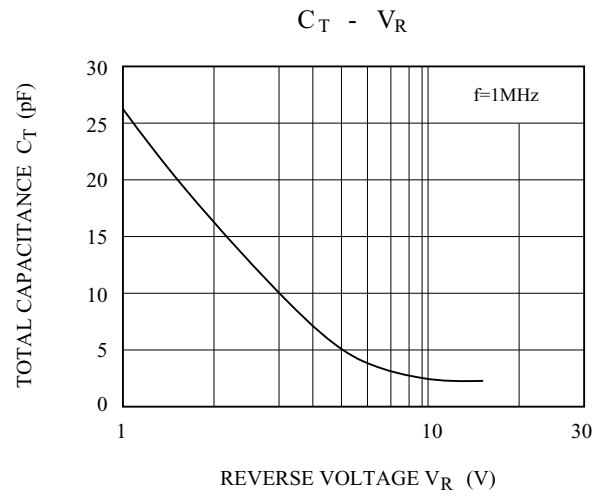
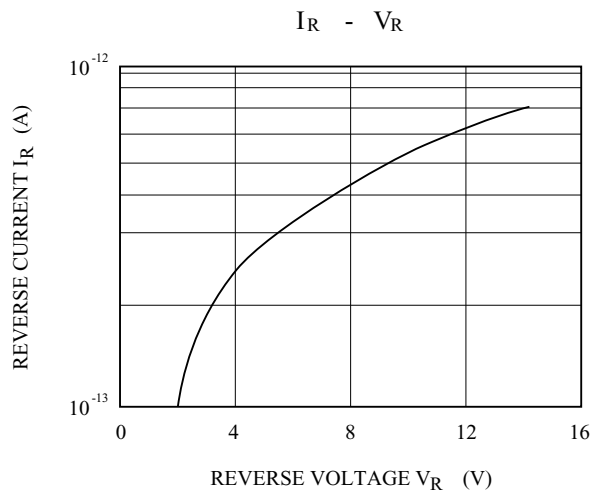


ELECTRICAL CHARACTERISTICS (Ta=25)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Current	I_{R1}	$V_R=10V$	-	-	10	nA
	I_{R2}	$V_R=10V, T_a=60$	-	-	100	
Capacitance	C_{1V}	$V_R=1V, f=1MHz$	27.05	-	28.55	pF
	C_{4V}	$V_R=4V, f=1MHz$	6.05	-	7.55	
Capacitance Ratio	C_{1V}/C_{4V}	-	3.0	-	-	-
Series Resistance	r_s	$V_R=4V, f=100MHz$	-	-	1.5	
ESD Capability *		$C=200pF, R=0$, Both forward and reverse direction 1 pulse.	200	-	-	V

* Failure criterion : I_R 20nA at $V_R=10V$.

KDV365F



**Not recommended
for new design**