

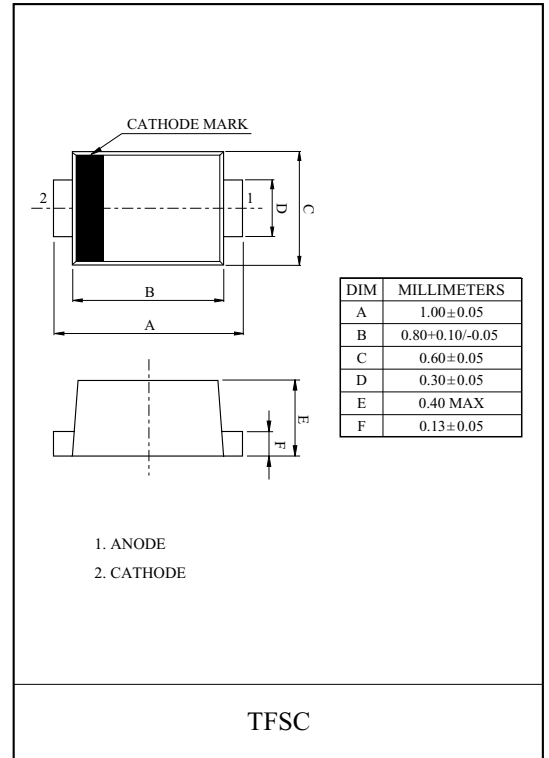
VCO FOR UHF/VHF BAND.

FEATURES

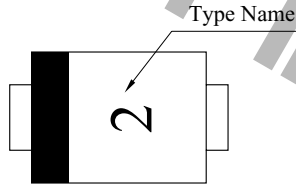
- Good C-V Linearity.
- Low Series Resistance. : $r_s=1.1$ (Max.)
- Small Package : TFSC.

MAXIMUM RATING (Ta=25)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	10	V
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	



Marking



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}	$V_R=1V, f=1MHz$	15	-	16.5	pF
	C_{2V}	$V_R=2V, f=1MHz$	9.0	-	10.2	
	C_{3V}	$V_R=3V, f=1MHz$	5.0	-	6.0	
Capacitance Ratio	C_{1V}/C_{3V}	-	2.2	-	-	-
Series Resistance	r_s	$V_R=2V, f=470MHz$	-	-	1.1	

KDV368F

