

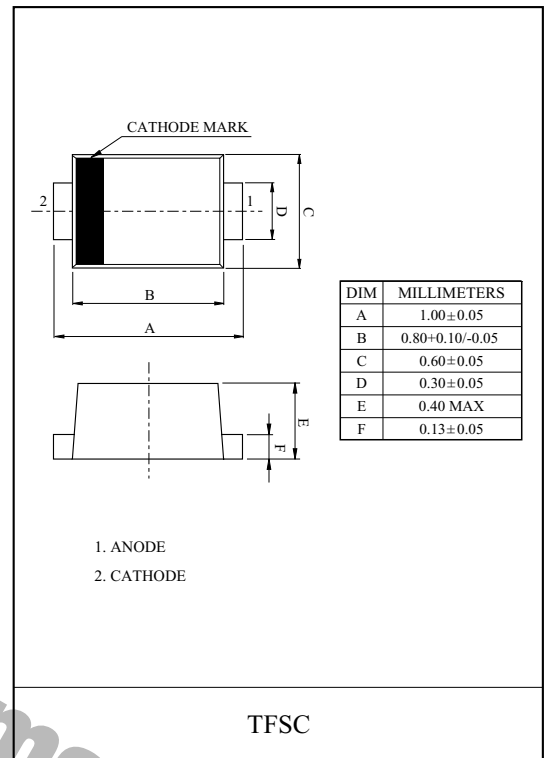
VCO FOR UHF/VHF BAND.

FEATURES

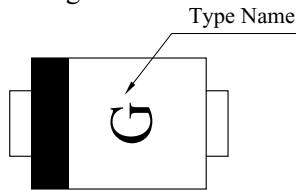
- Good C-V Linearity.
- Low Series Resistance. : $r_s=0.4$ (Max.)
- Small Package : TFSC.

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	



Marking



ELECTRICAL CHARACTERISTICS (Ta=25)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Current	I_{R1}	$V_R=15V$	-	-	10	nA
	I_{R2}	$V_R=15V, T_a=60$	-	-	100	
Capacitance	C_{1V}	$V_R=1V, f=1MHz$	19.5	-	21.0	pF
	C_{4V}	$V_R=4V, f=1MHz$	8.0	-	9.3	
Capacitance Ratio	C_{1V}/C_{4V}	-	2.2	-	-	-
Series Resistance	r_s	$V_R=1V, f=470MHz$	-	-	0.4	

KDV358F

