

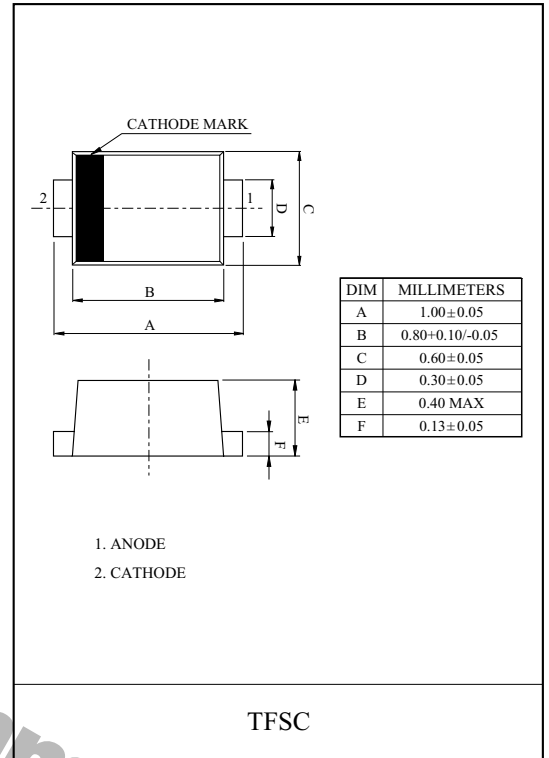
VCO FOR UHF/VHF BAND.

#### FEATURES

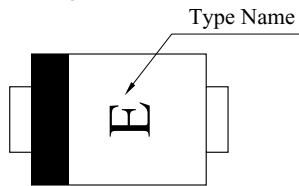
- High Capacitance Ratio :  $C_{1V}/C_{4V}=2.8$  (Min.)
- Low Series Resistance. :  $r_s=0.5$  (max.)
- Good C-V linearity.

#### 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	$C_{1V}$	$V_R=1V, f=1MHz$	15.5	-	17.0	pF
	$C_{4V}$	$V_R=4V, f=1MHz$	5.0	-	6.0	
Capacitance Ratio	$C_{1V}/C_{4V}$	-	2.8	-	-	-
Series Resistance	$r_s$	$V_R=1V, f=470MHz$	-	-	0.5	

# KDV350F

