

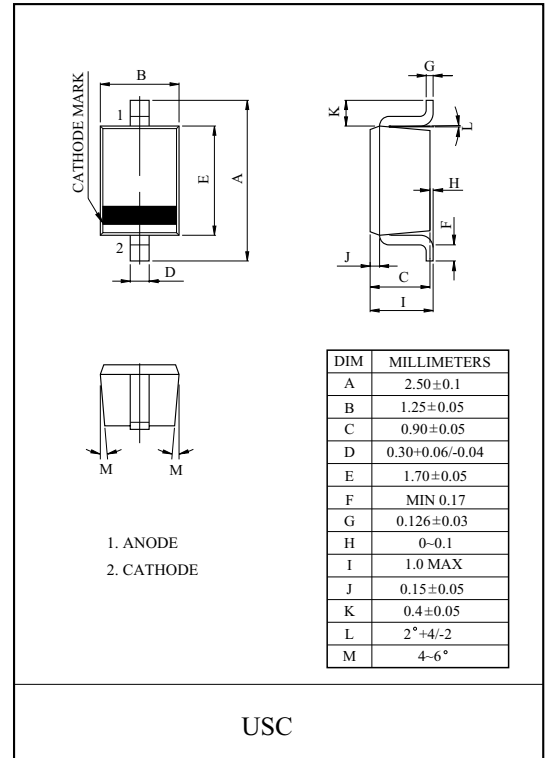
VCO.

#### FEATURES

- Low Series Resistance :  $r_s=0.50$  (Max.)
- Small Package.

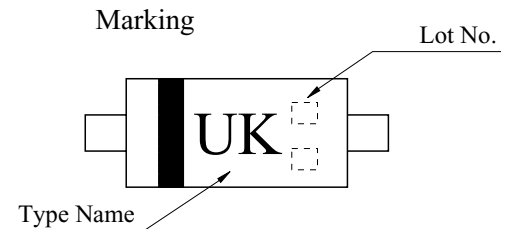
#### MAXIMUM RATING (Ta=25 )

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



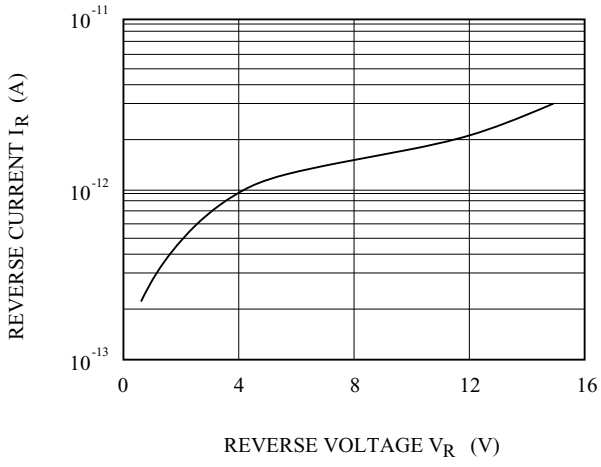
#### ELECTRICAL CHARACTERISTICS (Ta=25 )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	$V_R$	$I_R=1 \mu A$	15	-	-	V
Reverse Current	$I_R$	$V_R=15V$	-	-	10	nA
Capacitance	$C_{1V}$	$V_R=1V, f=1MHz$	15.0	-	17.5	pF
	$C_{4V}$	$V_R=4V, f=1MHz$	5.3	-	6.3	
Capacitance Ratio	K	$C_{1V}/C_{4V}, f=1MHz$	2.8	-	-	
Series Resistance	$r_s$	$V_R=1V, f=470MHz$	-	-	0.5	

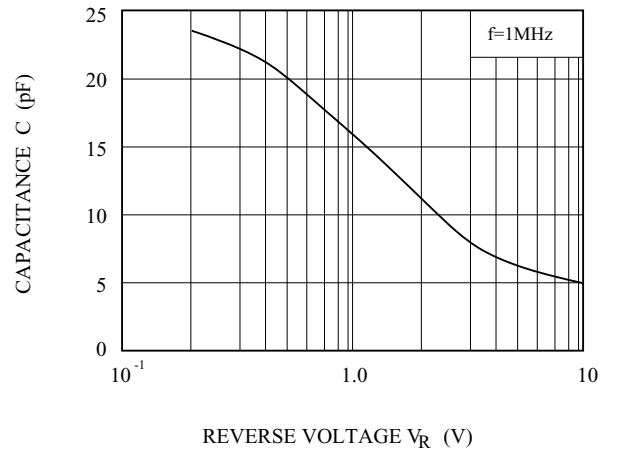


# KDV350

$I_R - V_R$



$C_R - V$



Not recommended for new design

$r_s - V_R$

