

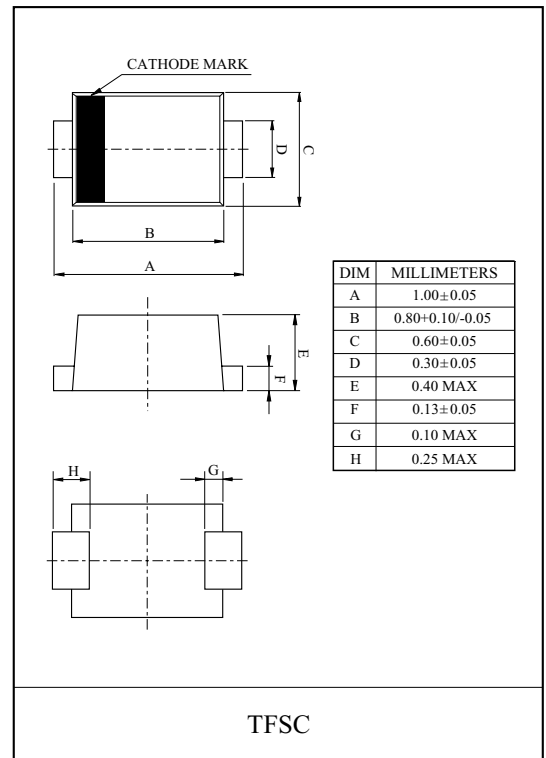
FOR HIGH SPEED SWITCHING.

### FEATURES

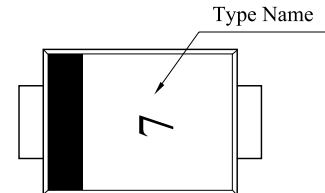
- Low reverse current, Low capacitance.
- Small Package : TFSC.

### MAXIMUM RATING (Ta=25 )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	$V_{RRM}$	25	V
Reverse Voltage	$V_R$	25	V
Average Forward Current	$I_O$	50	mA
Non-repetitive Peak Surge Current (10mS)	$I_{FSM}$	200	mA
Junction Temperature	$T_j$	125	
Storage Temperature Range	$T_{stg}$	-55 125	



### Marking

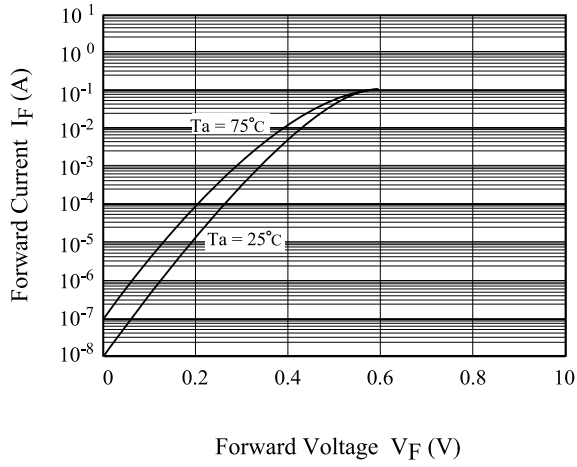


### ELECTRICAL CHARACTERISTICS (Ta=25 )

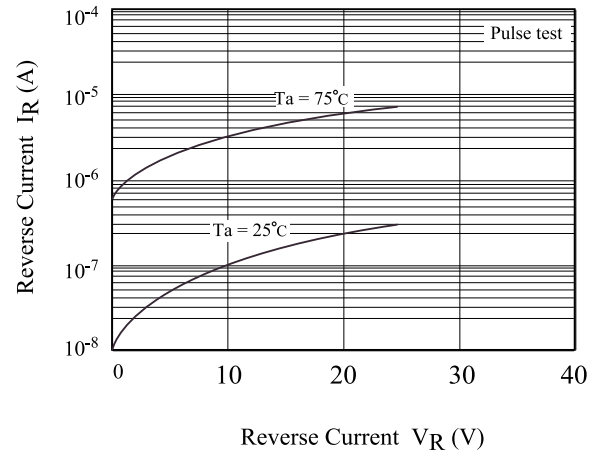
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=1mA$	-	-	0.33	V
		$I_F=5mA$	-	-	0.38	
Reverse Current	$I_R$	$V_R=20V$	-	-	0.45	$\mu A$
Total Capacitance	$C_T$	$V_R=1V, f=1MHz$	-	-	2.80	pF

# KDR552F

$I_F - V_F$



$I_R - V_R$



$C_T - V_R$

