

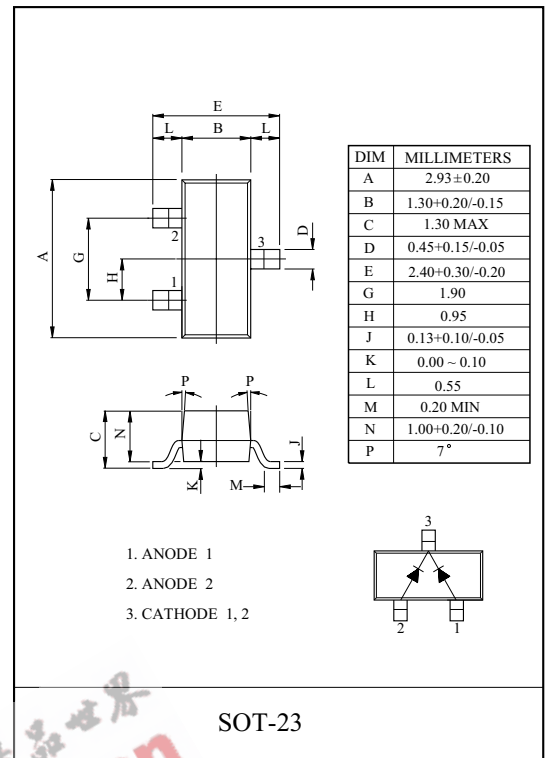
Low Voltage High Speed Switching.

### FEATURES

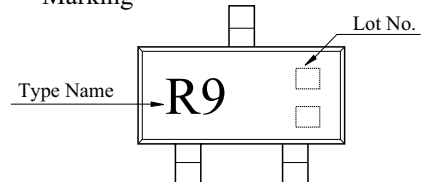
- Low Forward Voltage :  $V_F=0.60V(\text{Max.})$
- Low Reverse Current :  $I_R=5\mu A(\text{Max.})$

### MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	$V_{RRM}$	40	V
Reverse Voltage	$V_R$	40	V
Average Forward Current	$I_O$	0.1	A
Non-repetitive peak surge current (10mA)	$I_{FSM}$	1	A
Junction Temperature	$T_j$	125	°C
Storage Temperature	$T_{stg}$	-55 ~ 125	°C



### Marking



### ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=10mA$	-	0.36	-	V
		$I_F=100mA$	-	0.51	0.60	
Reverse Current	$I_R$	$V_R=40V$	-	-	5	μA
Total Capacitance	$C_T$	$V_R=0V, f=1MHz$	-	20	25	pF

# KDR393S

