

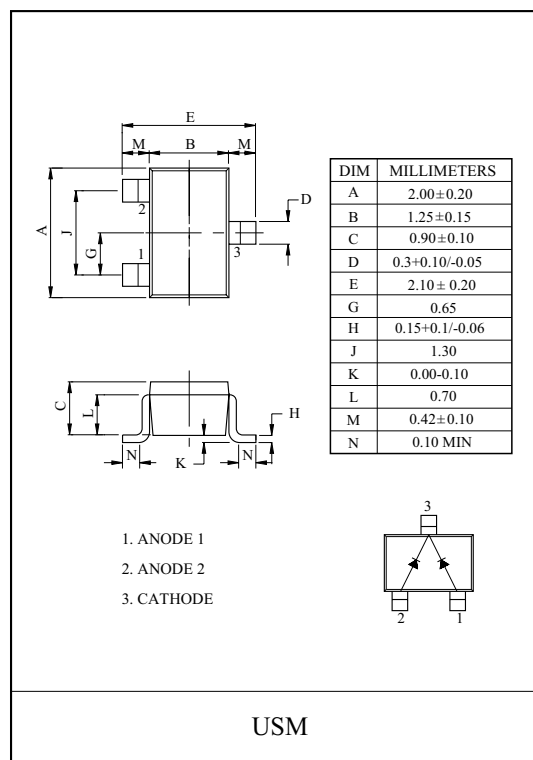
Low Voltage High Speed Switching.

FEATURES

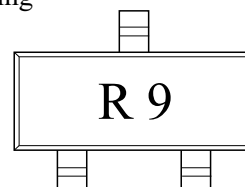
- Low Forward Voltage : $V_F = 0.60V(\text{Max.})$
- Low Reverse Current : $I_R = 5\mu A(\text{Max.})$

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	$V_R = 10V$	-	-	5	μA
Total Capacitance	C_T	$V_R = 0V, f = 1MHz$	-	20	25	pF

