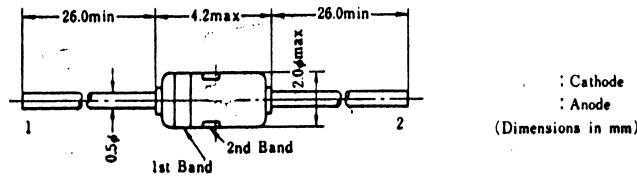


1N82AG

**SILICON SCHOTTKY BARRIER
 UHF TV TUNER MIXER**



(JEDEC DO-35)

ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

Symbol	1N82AG	1N82AG1	Unit
V_A	3	3	V
I_o	30	15	mA
T_j	100	100	$^\circ\text{C}$
T_{stg}	-55~+100	-55~+100	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

Symbol	Test Condition	1N82AG			1N82AG1			Unit
		min	typ	max	min	typ	max	
$V_{(BR)R}$	$I_A = 1\text{mA}$	3	—	—	3	—	—	V
I_A	$V_A = 0.5\text{V}$	—	—	50	—	—	—	μA
	$V_A = 2\text{V}$	—	—	—	—	—	10	μA
I_r	$V_r = 0.5\text{V}$	8	—	—	3	—	—	mA
C	$V_A = 0.5\text{V}$	—	—	0.85	—	—	0.85	pF

