

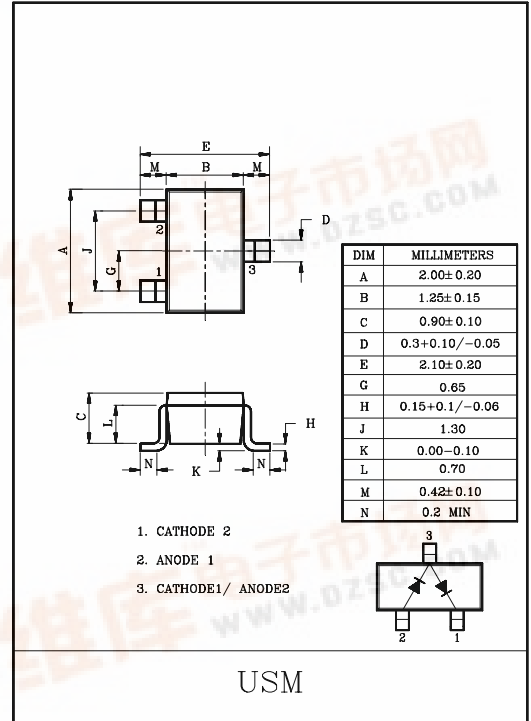
VHF~UHF BAND RF ATTENUATOR APPLICATION.
AGC FOR AM/FM TUNER.

FEATURES

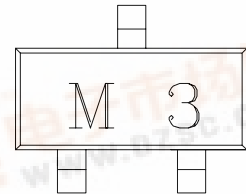
- Low Capacitance : $C_T=0.25[\text{pF}]$ (TYP.).
- Low Series Resistance : $r_s=7[\Omega]$ (TYP.).
- Designed for Low Inter Modulation.

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

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	50	V
Forward Current	I_F	50	mA
Junction Temperature	T_j	150	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	-55~150	$^\circ\text{C}$



Marking



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

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R=10\mu\text{A}$	50	-	-	V
Reverse Current	I_R	$V_R=50\text{V}$	-	-	0.1	μA
Forward Voltage	V_F	$I_F=50\text{mA}$	-	0.95	-	V
Total Capacitance	C_T	$V_R=50\text{V}, f=1\text{MHz}$	-	0.25	-	pF
Series Resistance	r_s	$I_F=10\text{mA}, f=100\text{MHz}$	-	7.0	-	Ω

KDV174

