

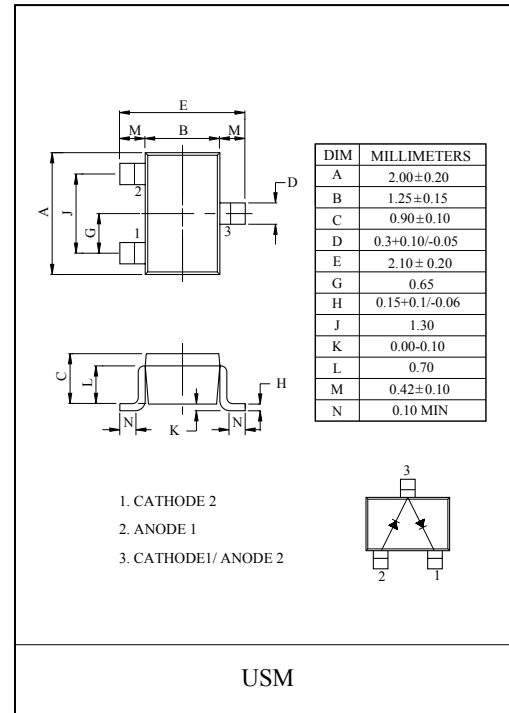
VHF ~ UHF BAND RF ATTENUATOR APPLICATIONS.
AGC FOR AM/FM TUNER.

FEATURES

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

MAXIMUM RATING (Ta=25°C)

| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|---------------------------|-----------|-----------|------|
| Reverse Voltage | V_R | 50 | V |
| Forward Current | I_F | 50 | mA |
| Junction Temperature | T_j | 150 | °C |
| Storage Temperature Range | T_{stg} | -55 ~ 150 | °C |



ELECTRICAL CHARACTERISTICS (Ta=25°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 |

Marking



KDV174

