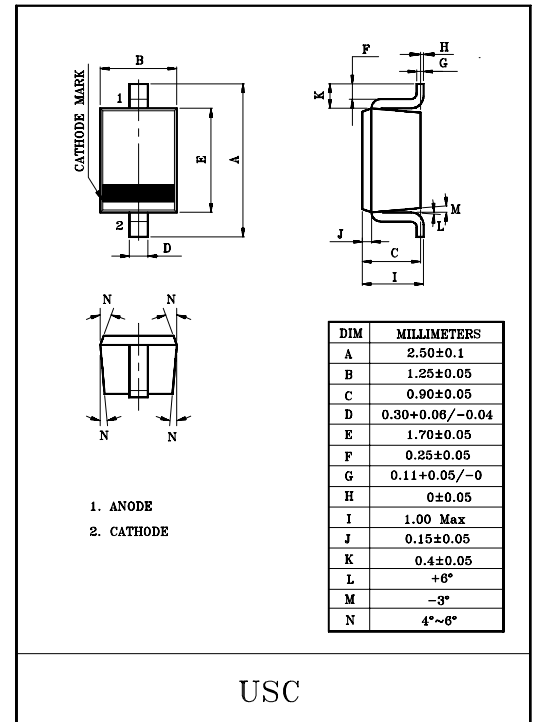
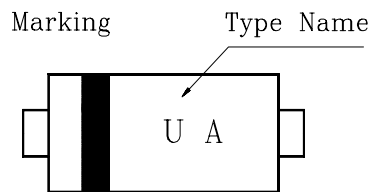


TV VHF,UHF TUNER AFC VCO FOR UHF BAND RADIO.

MAXIMUM RATINGS (Ta=25℃)

| CHARACTERISTIC            | SYMBOL    | RATING  | UNIT |
|---------------------------|-----------|---------|------|
| Reverse Voltage           | $V_R$     | 20      | V    |
| Junction Temperature      | $T_j$     | 150     | ℃    |
| Storage Temperature Range | $T_{stg}$ | -55~150 | ℃    |



ELECTRICAL CHARACTERISTICS (Ta=25℃)

| CHARACTERISTIC    | SYMBOL           | TEST CONDITION     | MIN.  | TYP. | MAX.  | UNIT |
|-------------------|------------------|--------------------|-------|------|-------|------|
| Reverse Voltage   | $V_R$            | $I_R=1\mu A$       | 20    | -    | -     | V    |
| Reverse Current   | $I_R$            | $V_R=20V$          | -     | -    | 10    | nA   |
| Capacitance       | $C_{2V}/C_{10V}$ | $V_R=2V, f=1MHz$   | 13.90 | -    | 16.10 | pF   |
| Capacitance       | $C_{10V}$        | $V_R=10V, f=1MHz$  | 4.5   | -    | 6.0   | pF   |
| Capacitance Ratio | $C_{2V/10V}$     |                    | 2.5   | -    | -     |      |
| Series Resistance | $r_s$            | $V_R=5V, f=470MHz$ | -     | -    | 0.6   | Ω    |

CLASSIFICATION OF CAPACITANCE GRADE

| GRADE | CAPACITANCE( $C_{2V}$ ) | UNIT |
|-------|-------------------------|------|
| A     | 13.90~15.00             | pF   |
| B     | 14.50~15.40             |      |
| C     | 14.90~15.90             |      |
| D     | 15.40~16.10             |      |

