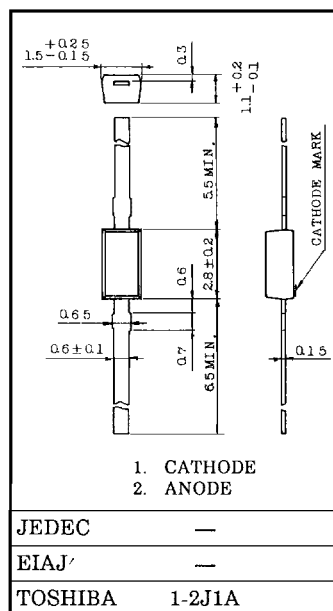


UHF BAND MIXER APPLICATIONS.

Unit in mm



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

| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|--------------------------------|-----------|---------|------------------|
| Maximum (Peak) Reverse Voltage | V_{RM} | 5 | V |
| Forward Current | I_F | 30 | mA |
| Junction Temperature | T_j | 125 | $^\circ\text{C}$ |
| Storage Temperature Range | T_{stg} | -55~125 | $^\circ\text{C}$ |

| | |
|---------|--------|
| JEDEC | — |
| EIAJ | — |
| TOSHIBA | 1-2J1A |

Weight : 0.02g

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

| CHARACTERISTIC | SYMBOL | TEST CONDITION | MIN. | TYP. | MAX. | UNIT |
|-------------------|--------|--------------------------------------|------|------|------|---------------|
| Forward Voltage | V_F | $I_F = 2\text{mA}$ | — | 0.25 | — | V |
| Forward Current | I_F | $V_F = 0.5\text{V}$ | 30 | — | — | mA |
| Reverse Current | I_R | $V_R = 0.5\text{V}$ | — | — | 25 | μA |
| Total Capacitance | C_T | $V_R = 0.2\text{V}, f = 1\text{MHz}$ | — | 0.6 | — | pF |

Marking

