

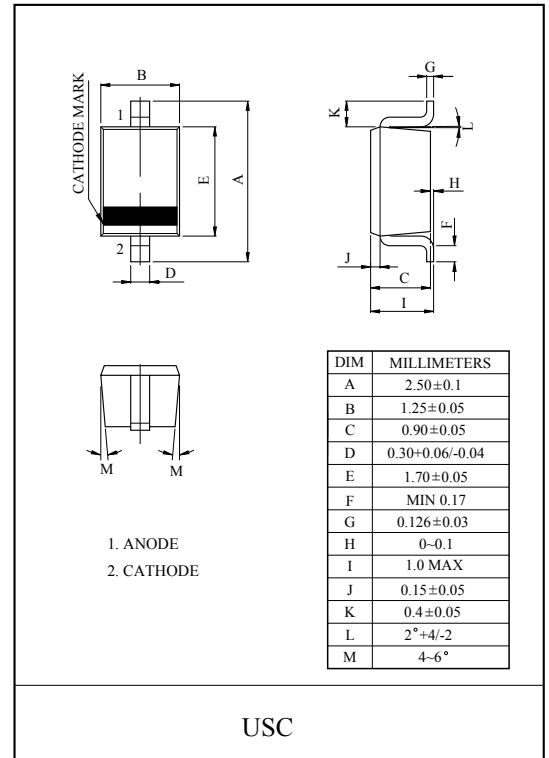
VCO.

FEATURES

- Low Series Resistance : $r_s=0.50\Omega$ (Max.)
- Small Package.

MAXIMUM RATING (Ta=25°C)

| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|---------------------------|-----------|-----------|------|
| Reverse Voltage | V_R | 15 | V |
| 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 | $I_R=1\mu A$ | 15 | - | - | V |
| Reverse Current | I_R | $V_R=15V$ | - | - | 10 | nA |
| Capacitance | C_{1V} | $V_R=1V, f=1MHz$ | 15.0 | - | 17.5 | pF |
| | C_{4V} | $V_R=4V, f=1MHz$ | 5.3 | - | 6.3 | |
| Capacitance Ratio | K | $C_{1V}/C_{4V}, f=1MHz$ | 2.8 | - | - | |
| Series Resistance | r_s | $V_R=1V, f=470MHz$ | - | - | 0.5 | Ω |

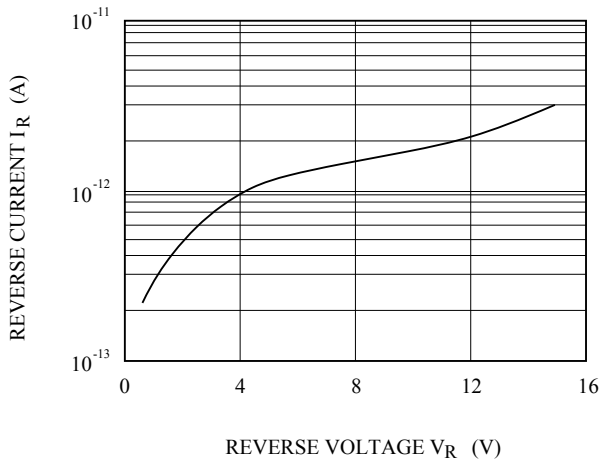
Marking

Type Name

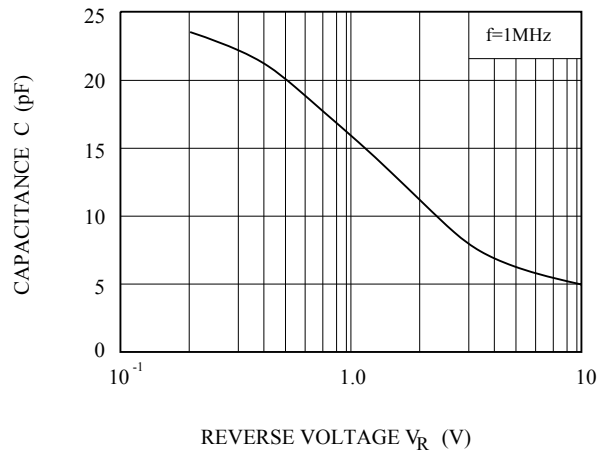


KDV350

$I_R - V_R$



$C_R - V$



$r_s - V_R$

