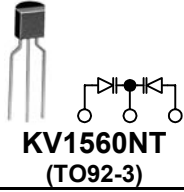


8V series variable capacitance diode for AM tuning
8V系AMチューナ用電圧可変容量ダイオード



FEATURES

- Excellent Matching Between Elements
- Excellent Linearity of The CV Curve
- High Q: Q=200 to
- Extra Large Capacitance Ratio: A=17.0 to
- 優れた素子間マッチング
- CV特性の優れた直線性
- 高いQ値: Q=200~
- 極めて大きな容量変化比: A=17.0~

CLASSIFICATION

| Rank | | 1 | 2 | 3 | 4 |
|----------------|-----|-----|-----|-----|-----|
| C ₁ | MIN | 428 | 446 | 464 | 482 |
| | MAX | 452 | 470 | 488 | 506 |

SELECTION CHARTS

| Type | V _{R,MAX} (V) | Capacitance(pF) | | | Capacitance ratio | | | | Q _{MIN} @1V 1MHz | C tolerance ΔC _{MAX} | I _F (mA) | P _D (mW) | T _{STG} (°C) | T _{OP} (°C) | |
|----------|---------------------------|-----------------|------|---------------|--------------------|------|------|------|---------------------------------|----------------------------------|--------------------------------|------------------------|--------------------------|-------------------------|--------------------|
| | | Min. | Typ. | Max. | V _R (V) | Min. | Typ. | Max. | | | | | | | V _R (V) |
| KV1560NT | 16 | 428.0 20.0 | | 506.0 27.5 | 1 8 | 17.0 | | | 1/8 | 200 | 1.0%(VR=1V) 2.0%(VR=4.5,8V) | 50 | 100 | -55 to 150 | -55 to 85 |

* Diode Capacitance measured with Agilent 4279A or equivalent instruments (at OSC level 20±5mVrms)
 容量測定器は、Agilent 4279A又は相当品。OSCレベル 20±5mVrms。

TYPICAL CHARACTERISTICS

- Capacitance, Q versus Reverse Voltage
逆方向電圧対容量、Q f=1MHz, T_A=25°C
- Reverse Current versus Reverse Voltage
逆方向電圧対逆電流 T_A=+25 / +55 / +85°C

