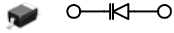
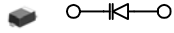


7V series variable capacitance diode for communications equipment
7V系通信機用電圧可変容量ダイオード



KV1862E
(URD)



KV1862K
(UFD)

FEATURES

- Very Low Operating Voltage
- Excellent Linearity of The CV Curve
- Extra Large Capacitance Ratio: A=6.53 to
- 低電圧動作
- CV特性の優れた直線性
- 極めて大きな容量変化比: A=6.53~

SELECTION CHARTS

Type	V _{R,MAX} (V)	Capacitance(pF)			Capacitance ratio				R _{S,MAX}	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.						
KV1862E	18	26.00 3.40		29.00 4.10	1 7	6.53			1/7	0.8 @1V 470MHz	7	25	-55 to 150	-55 to 85
KV1862K	18	26.00 3.40		29.00 4.10	1 7	6.53			1/7	0.8 @1V 470MHz	7	25	-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。
 * Resistance meter is Agilent 4291B or equivalent instruments.
 直列抵抗測定器は、Agilent 4291B又は相当品。

TYPICAL CHARACTERISTICS

- Capacitance versus Reverse Voltage
逆方向電圧対容量 f=1MHz, T_A=25°C
- Series Resistance versus Frequency
周波数対直列抵抗 V_R=1.5V, T_A=25°C

