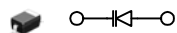
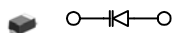


7.0V series variable capacitance diode for communications equipment
7.0V系通信機用電圧可変容量ダイオード



TKV1860AS5
(URD)



TKV1860AS6
(UFD)

FEATURES

- Very Low Operating Voltage: $V_{OP}=1.0$ to $7.0V$
- Excellent Linearity of The CV Curve
- Extra Large Capacitance Ratio: $A=4.0$ to
- 低電圧動作: $V_{OP}=1.0\sim 7.0V$
- CV特性の優れた直線性
- 極めて大きな容量変化比: $A=4.0\sim$

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.						
TKV1860AS5	18	19.75	21.00	22.25	1	4.0			1/7	1.0 @1.0V 470MHz	7	25	-55 to 150	-55 to 85
		4.40	4.80	5.20	7									
TKV1860AS6	18	19.75	21.00	22.25	1	4.0			1/7	1.0 @1.0V 470MHz	7	25	-55 to 150	-55 to 85
		4.40	4.80	5.20	7									

* Diode Capacitance measured with Agilent 4279A or equivalent instruments (at OSC level $20\pm 5mV_{rms}$)

容量測定器は、Agilent 4279A又は相当品。OSCレベル $20\pm 5mV_{rms}$ 。

* 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

$f=1MHz, T_A=25^\circ C$

- Series Resistance versus Frequency
周波数対直列抵抗

$V_R=1.5V, T_A=25^\circ C$

