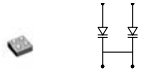


3V series variable capacitance diode for communications equipment

3V系通信機用電圧可変容量ダイオード



TKV1475AB6
(FC-4)

FEATURES

- Very Low Operating Voltage: VOP=1.0 to 3.0V
- Excellent Linearity of The CV Curve
- Extra Large Capacitance Ratio: A=2.65 to
- 低電圧動作: VOP=1.0~3.0V
- CV特性の優れた直線性
- 極めて大きな容量変化比: A=2.65~

ELECTRICAL CHARACTERISTICS

Type	V _{R,MAX} (V)	Capacitance(pF)			V _R (V)	Capacitance ratio			R _{s,MAX}	C tolerance ΔC _{MAX}	I _F (mA)	P _D (mW)	T _{STG} (°C)	T _{OP} (°C)
		Min.	Typ.	Max.		Min.	Typ.	Max.						
TKV1475AB6	18	33.30 10.0	35.22 12.00	37.13 14.00	1 3	2.65			1/3	1.0 @1.5V 100MHz	50	25	-55 to 150	-55 to 85

TYPICAL CHARACTERISTICS

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

