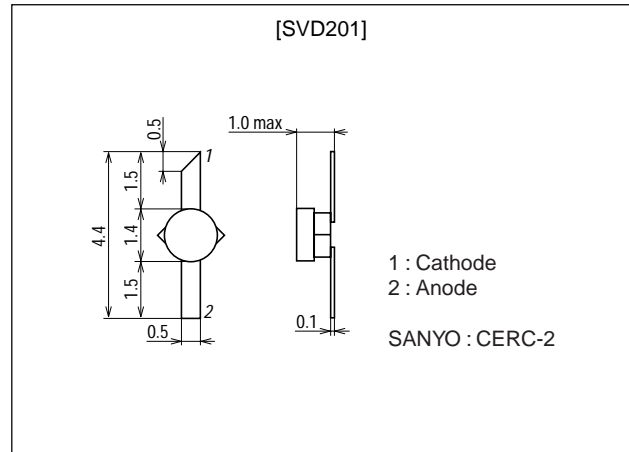


**SVD201****X Band VCO, PLO****Features**

- High Q.
- High capacitance ratio.

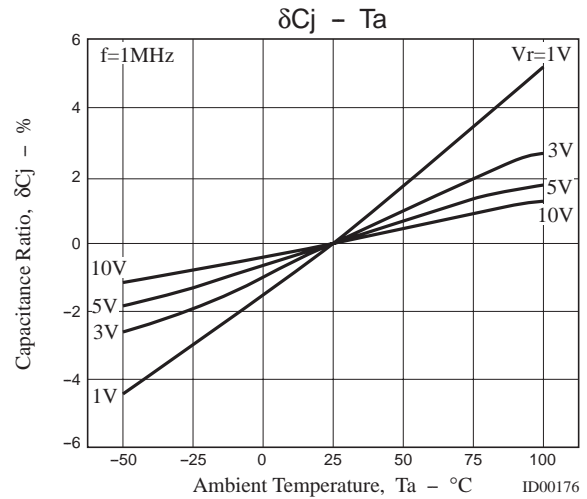
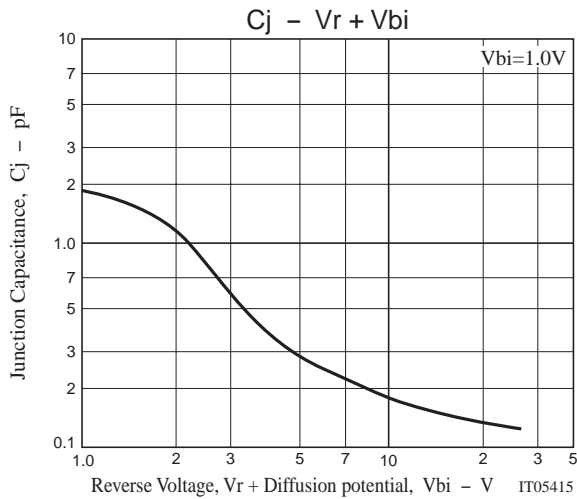
Package Dimensions
 unit : mm
 1274A
**Specifications****Absolute Maximum Ratings** at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	V _{rm}		30	V
Peak Forward Current	I _F		30	mA
Allowable Power Dissipation	P _D		200	mW
Junction Temperature	T _j		150	°C
Storage Temperature	T _{stg}		-65 to +150	°C
Mounting Temperature	T _m	10s	230	°C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V _F	I _F =10mA			1.4	V
Reverse Voltage	V _R	I _R =10μA	27			V
Reverse Current	I _R	V _R =25V			100	nA
Interterminal Capacitance	C _{t0V}	V _R =0V, f=1MHz	1.6	1.9		pF
Capacitance Ratio	C _{j0V} / C _{j25V}	V _R =0V, 25V, f=1MHz	11	14		

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