

VSWV

VHF SINEWAVE VCXO



100 to 300 MHz

+5.0 Vdc

0 dBm into 50Ω

Voltage Tune

Low profile 5.7 mm/0.23 inch tall

Low Current 25 mA maximum

Surface mount

P/N VSWV- K I 5 300 MHz

5 = 5.0 Vdc

I = ±50 ppm VC

K = ±25 ppm 0 to +70°C

Frequency Range:	100 to 300 MHz
Supply Voltage:	+5.0 Vdc
Supply Stability	±2.0 ppm vs ±5%
Input Current	25 mA maximum
Input Impedance	47 KΩ maximum
Electrical Tune:	25 ppm/volt (Option K)
VC	0.5 Vdc to 4.5 Vdc
Linearity:	15% maximum
Output:	0 dBm ±3 dB
Load	50Ω
Stability vs Load	±1.0 ppm vs. ±5Ω
Harmonics:	-25 dBc
Sub harmonics:	-40 dBc

AGING: 2.0 ppm/year max

ENVIRONMENTAL :

Operating Temp:	0°C to +70°C
Storage:	-40°C to +85°C
Thermal Shock:	MIL-STD-202F Method 107 Cond A -40°C to +85°C
Vibration:	MIL-STD-202F Method 204 Cond B (10 gs)
Shock:	MIL-STD-202 Method 213 Cond J

SOLDER HEAT: IEC68-2-20A
260 ±15°C for 10 ±1 sec

