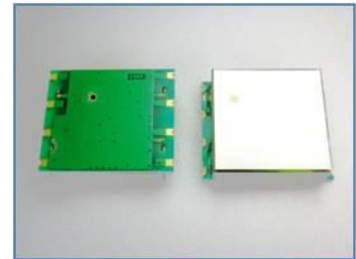


Sine Wave VCXO

VXSW-04SC Series

◆特長・用途/Feature

- SMD Package
- Supply Voltage **+5.0V**
- Output **Sine Wave**
- Frequency range **800MHz ~ 1200MHz**



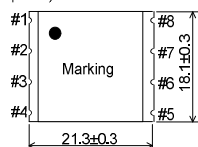
RoHS Compliant

◆仕様/Specifications

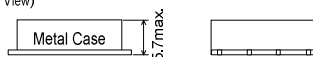
項目 / item	Min	Max	単位 / unit	Note
出力周波数 Frequency range	800	1200	MHz	--
動作温度範囲 Operating Temp. range	0	+70	°C	--
電源電圧 Power Supply voltage	+5.0		V	--
消費電流 Current	--	30	mA	--
周波数安定度 Freq. Overall tolerance	±20		10 ⁻⁶	Inclusive of initial tolerance , operating temperature.
電源電圧変動安定度 Supply voltage change	-3	+3	10 ⁻⁶	+5V±5%
周波数可変範囲 Freq. control range	±50	--	10 ⁻⁶	Control Voltage (VC) : +0.5V~+4.5V Input impedance : 47kΩ min.
出力レベル Output level	-5	--	dBm	Sine wave 負荷Load : 50Ω
低調波 Sub-harmonics	--	-35	dBc	--
高調波 Harmonics	--	-20	dBc	--
位相雑音 Phase noise (例: 850MHz)	--	-50	dBc/Hz	10Hz Offset
	--	-80	dBc/Hz	100Hz Offset
	--	-110	dBc/Hz	1kHz Offset
	--	-130	dBc/Hz	10kHz Offset
	--	-140	dBc/Hz	100kHz Offset
--	-140	dBc/Hz	1MHz Offset	

◆外形寸法/Dimensions unit : mm

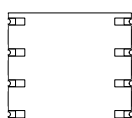
(Top View)



(Side View)



(Bottom View)



Terminal Connections

Terminal#	Connection
1	GND
2	GND
3	GND
4	Vc or NC
5	GND
6	GND
7	Output
8	Vcc or VDD

Pin#4 is NC for SPXO/TCXO