



Features

- Low Phase noise OCVCXO
- High stability

Applications

- Standard Oscillator

Standard Frequencies

- 10MHz

How to Order

OV 10.000000 M

① ② ③ ④

- ① Function
OV → OCVCXO
- ② Output Frequency
- ③ Frequency Unit
M → MHz
- ④ Individual Specification

Specifications

Item	Symbol	Conditions	Min.	Max.	Units	
Output Frequency Range	fo		10	10	MHz	
Frequency Tolerance	fo-Tc	vs Temperature	-0.05	+0.05	×10 ⁻⁶	
	fo-Vcc	vs Voltage	-0.002	+0.002		
Storage Temperature Range	T _{stg}		-20	+80	°C	
Operating Temperature Range	T _{use}		0	+70	°C	
Supply Voltage	Vcc		11.4	12.6	V	
Current Consumption	Icc		—	700	mA	
Frequency Aging	f _{age}	Per Year	-0.05	+0.05	×10 ⁻⁶	
Frequency Deviation	f _{cont}		-0.5	+0.5	×10 ⁻⁶	
Control Voltage	VC		0	10	V	
Low Level Output Voltage	V _{OL}		—	0.5	V	
High Level Output Voltage	V _{OH}		4.5	—	V	
CMOS Load	L _{CMOS}		—	15	pF	
Symmetry	Symmetry	@50% Vcc	45	55	%	
Phase noise	—	-125 (@10Hz offset) -145 (@100Hz offset) -155 (@1kHz offset) -155 (@10kHz offset)	/ Typ.			dBc/Hz

Dimensions

(Unit: mm)

