



**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 <sup>-6</sup>	
	fo-Vcc	vs Voltage	-0.002	+0.002		
Storage Temperature Range	T <sub>stg</sub>		-20	+80	°C	
Operating Temperature Range	T <sub>use</sub>		0	+70	°C	
Supply Voltage	Vcc		11.4	12.6	V	
Current Consumption	Icc		—	700	mA	
Frequency Aging	f <sub>age</sub>	Per Year	-0.05	+0.05	×10 <sup>-6</sup>	
Frequency Deviation	f <sub>cont</sub>		-0.5	+0.5	×10 <sup>-6</sup>	
Control Voltage	VC		0	10	V	
Low Level Output Voltage	VoL		—	0.5	V	
High Level Output Voltage	VoH		4.5	—	V	
CMOS Load	L <sub>CMOS</sub>		—	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)

