



RoHS Compliant

### Features

- High stability
- Low Current Consumption

### Applications

- Standard Oscillator

### Standard Frequencies

- 10MHz

### How to Order

OV 10.000000 M 08005AR  
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	-0.02	+0.02	
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		—	300	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	6	V
Low Level Output Voltage	VOL		—	10% Vcc	V
High Level Output Voltage	VOH		90% Vcc	—	V
CMOS Load	L <sub>CMOS</sub>		—	15	pF
Symmetry	Symmetry	@50% Vcc	45	55	%

## Dimensions

(Unit: mm)

