



RoHS Compliant

Features

- Compact OCVCXO (25×25×13.5mm)
- High stability

Applications

- Standard Oscillator

Standard Frequencies

- 10MHz

How to Order

OV 10.0000000 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	17	MHz
Frequency Tolerance	fo-Tc	vs Temperature	-0.05	+0.05	×10 ⁻⁶
	fo-Vcc	vs Voltage	-0.02	+0.02	
Storage Temperature Range	T _{stg}		-20	+80	°C
Operating Temperature Range	T _{use}		0	+70	°C
Supply Voltage	Vcc		4.75	5.25	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	4	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	%

Dimensions

(Unit: mm)

