High Precision Crystal Oscillators
Oven Controlled Crystal Oscillators OCVCXO-185F



RoHS Compliant

Features
- High stability
- Low Current Consumption

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	10	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		11.4	12.6	V
Current Consumption	Icc		—	300	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	6	V
Low Level Output Voltage	VOL		—	0.5	V
High Level Output Voltage	VOH		4.5	—	V
CMOS Load	L_CMOS		—	15	pF
Symmetry	Symmetry	@50% Vcc	45	55	%

Dimensions
(Unit: mm)

