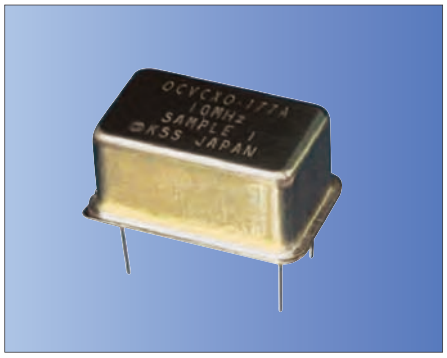
Oven Controlled Crystal Oscillators
OCVCXO-177A



Features

- High stability
- For Stratum3

Standard frequency

- 10MHz

How to Order

OV 10.0000000 M 08001AR
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	f_O	—	10	10	MHz
Storage Temperature Range	$T_{_stg}$	—	−40	+85	°C
Operating Temperature Range	$T_{_use}$	—	−10	+60	°C
Supply Voltage	V_{CC}	—	4.75	5.25	V
Current consumption	I_{CC}	Start up	—	500	mA
		Steady state @+25°C, V_{CC}+5V	—	170	mA
Frequency Temperature characteristics	f_O-T_C	Ref. at +25°C	−0.3	+0.3	×10⁻⁶
Frequency Aging	$f_{_age}$	1 year	−0.15	+0.15	×10⁻⁶
Frequency Control Range	$f_{_cont}$	—	−1.0	+1.0	×10⁻⁶
Frequency Deviation	VC	—	0	5.0	V
CMOS Load	L_CMOS	—	—	15	pF
Low Level Output Voltage	V_{OL}	—	—	10% V_{CC}	V
High Level Output Voltage	V_{OH}	—	90% V_{CC}	—	V
Symmetry	Symmetry	—	40	60	%

Dimensions

(Unit: mm)

