

Temperature Compensated Crystal Oscillators VC-TCXO-158D



RoHS Compliant

Features

- Analog signal processing temperature compensated crystal oscillator
- Small package & Lower noises

Standard frequency

- 74.25MHz
- 74.175824MHz

How to Order

TV 74.2500000 M

① ② ③ ④

- ① Function
TV→VC-TCXO
- ② Output Frequency
- ③ Frequency Unit
M→MHz
- ④ Individual Specification

Specifications

Item	Symbol	Conditions	Min.	Max.	Units
Output Frequency	f _o	—	30	100	MHz
Storage Temperature Range	T _{stg}	—	-30	+80	°C
Operating Temperature Range	T _{use}	—	-10	+60	°C
Supply Voltage	V _{cc}	—	4.75	5.25	V
Current consumption	I _{cc}	—	—	10	mA
Frequency Temperature characteristics	f _o -T _c	Ref. at +25°C	-2.0	+2.0	×10 ⁻⁶
Frequency Aging	f _{age}	1 year	-1.0	+1.0	×10 ⁻⁶
Frequency Adjustment Range	f _{adjust}	Internal Trimmer	-2.0	+2.0	×10 ⁻⁶
Frequency Pull Range	f _{cont}	—	-5.0	+5.0	×10 ⁻⁶
Frequency Control Voltage	VC	—	0.5	4.5	V
Output Level	Output Level	—	-10	—	dBm
Load	Load_R	—	50	50	ohm
Harmonics	—	—	—	-10	dBc

Dimensions

(Unit: mm)

