



Actual size

Specifications (characteristics)

Item	Symbol	Specifications VC-TCXO	Conditions / Remarks
Output frequency range	f _o	19.200 MHz	
Supply voltage	V _{cc}	2.8 V±5 %	
Storage temperature	T _{stg}	-40 °C to +85 °C	Store as bare product.
Operating temperature	T _{use}	-30 °C to +85 °C	
Frequency tolerance	f _{tol}	±2.0 × 10 ⁻⁶ Max.	After reflow, +25 °C
Frequency / temperature characteristics	fo-Tc	±1.5 × 10 ⁻⁶ Max.	-30 °C to +85 °C
Frequency / load coefficient	fo-Load	±0.2 × 10 ⁻⁶ Max.	10 kΩ // 10 pF ±10 %
Frequency / voltage coefficient	fo-V _{cc}	±0.2 × 10 ⁻⁶ Max.	2.8 V±5 %
Frequency aging	f _{age}	±1.0 × 10 ⁻⁶ Max.	+25 °C, First year
Current consumption	I _{cc}	1.5 mA Max.	V _{cc} =2.8 V, 10 kΩ// 10 pF
Input resistance	R _{in}	500 kΩ Min.	V _c - GND (DC)
Frequency control range	f _{cont}	±7.8 × 10 ⁻⁶ to ±12.0 × 10 ⁻⁶	V _c =1.4 V ±1.0 V
Frequency change polarity	—	Positive polarity	
Symmetry	SYM	40 % to 60 %	GND level (DC cut)
Output voltage	V _{PP}	0.8 V Min.	Peak to peak
Load resistance	Load_R	10 kΩ	
Load capacitance	Load_C	10 pF	DC cut capacitor = 0.01 μF

Note: Please contact us for inquiries about specifications other than the above.

External dimensions