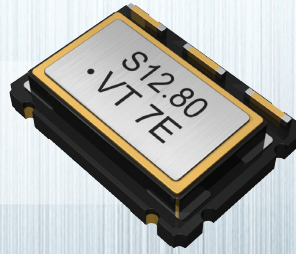


Temperature-Compensated Crystal Oscillator

# TXO71, VTX71 series



- Applications  
Cellular • PHS • GPS • Communication Equipment

- Features  
Ultra-thin • Dimensions(7.0×5.0×1.6)  
Ceramic SMD Package • Leadless Type  
Hermetic Sealed • High Performance Against Heat  
Reflow Soldering • Emboss Taping  
RoHS Compliant



## ▼ Specifications

Model	TXO712025LJ	VTX712025LJH	
Frequency range	10.000~26.000MHz		
Nominal frequency	10.000, 12.800, 13.000, 14.400, 15.360, 19.200, 19.680, 26.000MHz		
Frequency stability	Tolerance(at 25°C)	$\pm 0.5 \times 10^{-6}$	
	Temperature(Ref. to+25°C)	$\pm 2.5 \times 10^{-6}$ / -30~+75°C	
	Supply voltage change	$\pm 0.2 \times 10^{-6}$ / (Vcc $\pm 5\%$ )	
	Load change	$\pm 0.2 \times 10^{-6}$ / (ZL $\pm 10\%$ )	
Aging(at +25°C)	$\pm 1.0 \times 10^{-6}$ / First year		
Storage temperature range	-40~+85°C		
Power supply voltage	+2.8V, +3.0V, +5.0V DC $\pm 5\%$		
Current consumption	2.0mA max. (Load)		
Output	Load	10k $\Omega$ // 10pF	
	Level	0.8Vp-p min.	
	Rise & Fall time	Clipped Sine Wave ( DC-coupled output)	
External controlfunction	Frequency tuning range	—	$\pm 8.0 \times 10^{-6}$ min. (Positive)
	External control voltage	—	+1.5V $\pm 1.0$ V DC
	Input impedance (Zvin)	—	500k $\Omega$ min. (650k $\Omega$ typ.)
Phase noise	-130dBc / Hz max.( at 1kHz)		

Package quantity : 1,000pcs max./reel.

Please consult with us for more details. [sales@siward.com.tw](mailto:sales@siward.com.tw) (Asia & Europe)  
[staff1@siward.co.jp](mailto:staff1@siward.co.jp) (Japan)  
[siwusa@siward.com.tw](mailto:siwusa@siward.com.tw) (USA)

## ▼ Outline Dimensions [unit:mm]

