

■ Features

- ★ Stable frequency
- ★ High reliability and precision
- ★ Achieved low phase noise

■ Application

- ★ Computer control
- ★ Cordless telephone
- ★ Automobile telephone

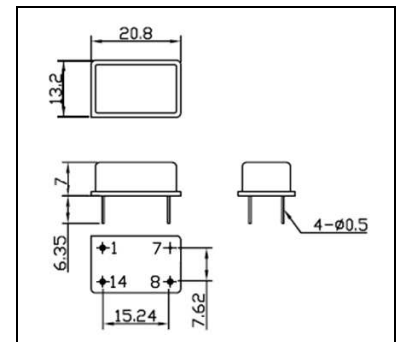


■ Specification (Characteristics)

FREQUENCY CHARACTERISTICS

Parameters	Min	Max	Units	Condition
Frequency range	1.0	100.0	MHz	
Frequency calibration	0.5	2.0	±ppm	@25°C
Frequency stability over temperature	±0.1, ±0.2, ±0.5, ±1.0, ±2.0 ppm			
Supply voltage stability	0.05	0.5	±ppm	±5% @25°C
Load sensitivity	0.05	0.4	±ppm	±10% @25°C
Aging/year	1.0	3.0	±ppm/year	@25°C

■ Dimension (Unit: mm)



POWER SUPPLY

Parameters	Min	Max	Units
Supply voltage	+2.8	+12.0	V±5%
Current	1.0	30	mA
Voltage control	0.5	2.5	V

■ Pin Connection

PIN 1	V control (or N/C)
PIN 7	GND
PIN 8	Freq output
PIN 14	Supply voltage

OSCILLATOR OUTPUT

Parameters	Min	Max	Units
Output waveform	C: clipped Sine	H:HCMOS (TTL)	S;Sine
Output load resistance	10 kΩ//10pF	1 kΩ//15pF	50Ω

■ Part Number and Ordering

Part Number Code	Holder Type + Frequency + Tolerance + Stability VS Temp. + Operating Temp. + PPM/VDC + Input Voltage
Ordering Code	Same as Above
Example	TCXO-D14-25.0M-0.3-0.1-0/70-15/5-5V