

ACT1525ST/SV (TCXO / VCTCXO) Sine Wave

The ACT1525ST family is a range of Digitally Temperature Compensated Sinewave Crystal Oscillators.

Whilst operating, the oscillator frequency is adjusted to cancel out the change due to temperature. A microcontroller performs the elaborate control algorithm which is individually calibrated to each crystal.

Trimmer or voltage adjustment are provided to compensate for aging.

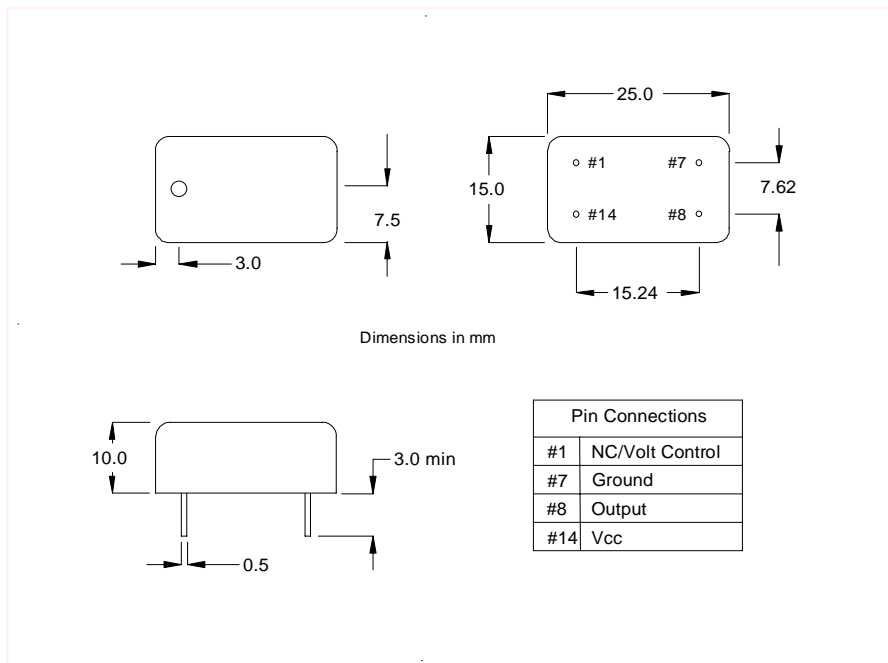
Compatible with Eu Directive
2002/EC - RoHS



Specification

Parameter	Symbol	Specification	Condition
Frequency Range	fo	5.00 ~ 70.00 MHz	Please Specify
Amplitude		+3dBm min into 50Ω	
Temp Stability	Ts	See table	Please Specify
Temp Operating Range	Top	See table	Please Specify
Supply Voltage	VCC	5.0Vdc ±5% (Higher voltage options available)	Please Specify
Supply Current	Iop	30mA	max
Trim Voltage	Vt	0 ~ 95% of Vcc	
Trim Range		Up to 20 MHz ±10ppm Over 20 MHz ±5ppm	min min

	Temperature / Stability		
	0°C ~ 50°C	-10°C ~ 60°C	-20°C ~ 70°C
±0.3ppm	✓	✓	
±1ppm	✓	✓	✓
±2ppm	✓	✓	✓
±3ppm	✓	✓	✓



Please note that all parameters can not necessarily be specified in the same device

Customer to specify : Frequency, Frequency Stability, Operating Temperature Range & Voltage, Adjustment Option

In line with our ongoing policy of product evolution and improvement, the above specification may be subject to change without notice

ISO9001:2000 Registered

For quotations or further information please contact us at:

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