ECS-TXO-16CSMV4

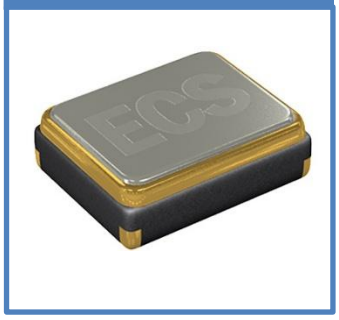
Clipped Sine Wave TCXO
MultiVolt™ Analog Compensation

ECS-TXO-16CSMV4 Clipped Sine Wave SMD TCXO MultiVolt™ capability of 1.7 ~ 3.6V. The 1.6 x 1.2 x 0.56 mm ceramic package uses Analog Compenstation which is stability critical applications.

Request a Sample

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

ECS-TXO-16CSMV4



- Clipped Sine Wave TCXO
- 1.6 x 1.2 mm Footprint
- MultiVolt™ (1.7 ~ 3.6V)
- PbFree/RoHS Compliant
- MSL 1
- Lead Finish Au
- Compatible with 1.8V, 2.5V or 3.3V Power Supply

Parameters	Conditions	ECS-TXO-16CSMV4			Units
		MIN	TYP	MAX	
Frequency Range		26.000		52.000	MHz
Frequency Tolerance	@ +25°C ±2°C			±2.0	PPM
Frequency Stability	Vs. Temp (-30 ~ +85°C) AY Opt			±0.5	PPM
	Vs. Supply Change (±5%)			±0.1	PPM
	Vs. Load Change (±10%)			±0.1	PPM
	Vs. Aging 1st Year			±1.0	PPM
Input Voltage	VDD	+1.7		+3.6	VDC
Current Consumption	26 ~ 52 MHz			2.0	mA
Output Level	Clipped Sine Wave	0.8			V p-p
Output Load		10KΩ//10 pF			
Start-up Time				5	mS
Phase Noise	@ 10 Hz Offset		-91		dBc/Hz
	@ 100 Hz Offset		-117		dBc/Hz
	@ 1 KHz Offset		-137		dBc/Hz
	@ 10 KHz Offset		-151		dBc/Hz
	@ 100 KHz Offset		-156		dBc/Hz
Operating Temperature	* Y Option	-30		+85	°C
Storage Temperature		-40		+85	°C

Part Numbering Guide: Example ECS-TXO-16CSMV4-260-AN-TR

ECS -	Series -	Frequency Abbreviations -	Stability	Temperature	- Packaging
ECS	TXO-16CSMV4 = Clipped Sine Wave TCXO	260 = 26.000 MHz 520 = 52.000 MHz	A= ±0.5 ppm B= ±1.0 ppm C= ±1.5 ppm D= ±2.0 ppm E= ±2.5 ppm	L= -10 ~ +70°C M= -20 ~ +70°C Y = -30 ~ +85°C N = -40 ~ +85°C	TR= 3K/Reel

ECS-TXO-16CSMV4

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Package Dimensions (mm)

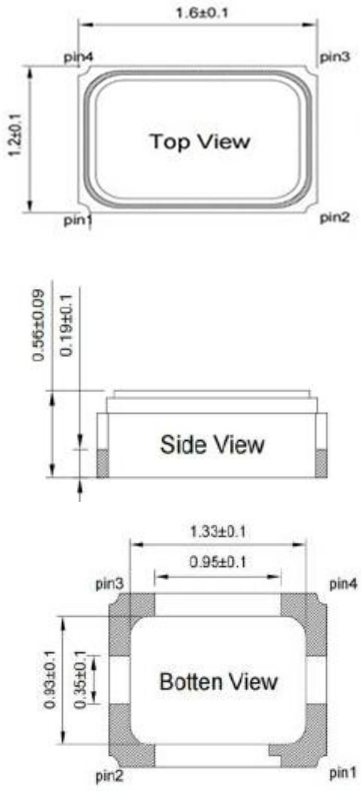


Figure 1) *Top, Side, and Bottom views*

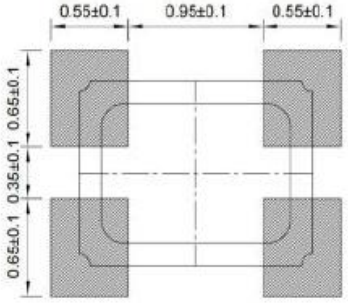


Figure 2) *Land Pattern*

Pin Connections	
#1	Ground
#2	Ground
#3	Output
#4	VDD

Developed Frequencies	
*** Abbreviation**	**Frequency (MHz)**
260	26.000
384	38.400
520	52.000

