

The VC-TXO-39SM is a VC (Voltage Controlled) TCXO (Temperature Compensated Crystal Oscillator) featuring very tight stability over a wide temperature range. The small SMD ceramic package measures 11.4 x 9.6 x 2.3 mm. The voltage control has a tuning range of ± 12 ppm typical. The low profile package is ideal for wireless communications applications.

FEATURES

- Highly stable output
- Wide temperature range
- Voltage control function
- Tape and Reel (500 pcs)

PART NUMBERING GUIDE

SERIES	FREQUENCY	STABILITY / TEMPERATURE OPTION
-39L	128	A

Sample Part Number: VC-TXO-39SM-128-A, 128=12.8 MHz, A= ± 1.5 ppm -20 to +75°C

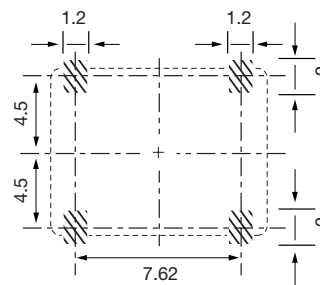
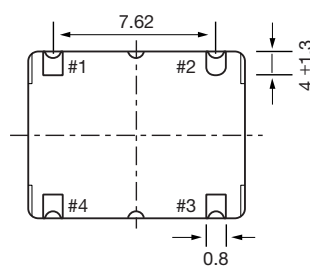
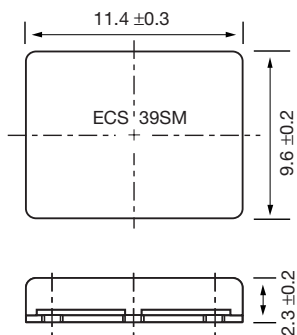
STANDARD FREQUENCIES

10.000, 13.000, 16.800 AND 19.440 MHz

OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	ECS-3955C (5V)			UNITS
		MIN	TYP	MAX	
		10.000		19.440	L
	-30 +75			2.5	L
	-20 +75			+1.5	L
	+31 5%			+0.3	L
	$10^4 \Omega$ 10%/10% 10%			+0.3	L
	+25			1	L
		-40		+85	
	+3.0	+2.85	+3.0	+3.15	
	$10^4 \Omega$ 10%/10% 10%			1.5	
	$10^4 \Omega$ 10%/10% 10%	0.8			
	+1.5	.9	.12		
		+0.5	+1.5	+2.5	

PACKAGE DIMENSIONS (mm)



PIN CONNECTIONS	
#1	
#2	
#3	
#4	

Figure 1) VC-TXO-36SM Top, Side and Bottom views

Figure 2) Land Pattern