



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

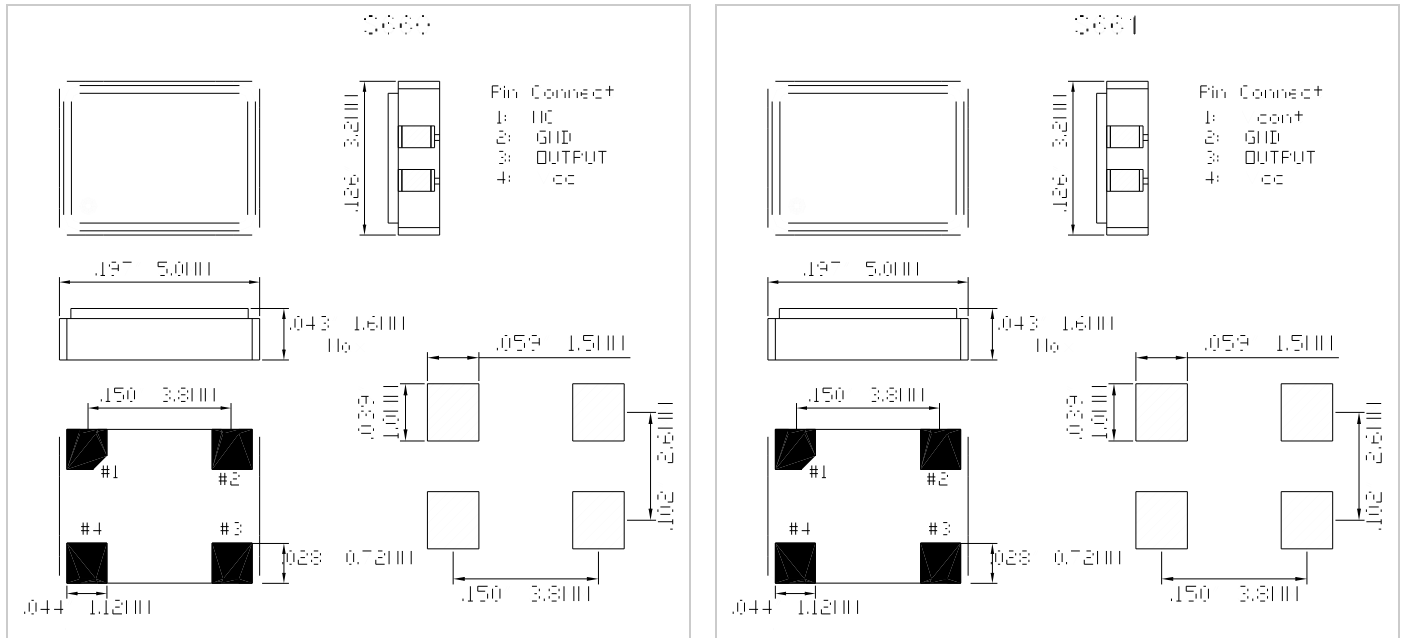
**ET 23**  
Series  
**TCXO**  
SMD Oscillators

Features: 3.2 x 5.0 mm, With or Without Voltage Control, Sinewave Output

PARAMETERS	ET231	ET232
Package Part#	S660	S661
Frequency Range (MHz)	10.0 ~ 26.0	
Frequency Stability vs Temp. ( $\pm$ ppm)	2.5	
vs Supply Voltage	0.2	
vs Aging	1.0	
Temperature Range ( $^{\circ}$ C)	Operating - $-30 \sim +75$ / Operable - $-40 \sim +85$	
Supply Voltage (V)	$+3.0 \sim +5.0$ ( $\pm 5\%$ )	
Supply Current (mA)	2.0 Maximum	
Output Level (V)	0.8 p-p Minimum	
Load	10 K $\Omega$ / 10 pF	
Output Waveform	Clipped Sine	
Frequency Deviation ( $\pm$ ppm)	NA	8.0 Minimum (Positive)
Control Voltage (V)	NA	$+0.5 \sim +2.5$

**STANDARD AVAILABLE OPTIONS**

Frequency Stability vs Temp. ( $\pm$ ppm): 1.0, 1.5, 2.0, 3.5, 4.0  
 Operating Temp. Range ( $^{\circ}$ C): 0 ~ +50, -20 ~ +70, -40 ~ +85  
 Tape and Reel Packaging



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