



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

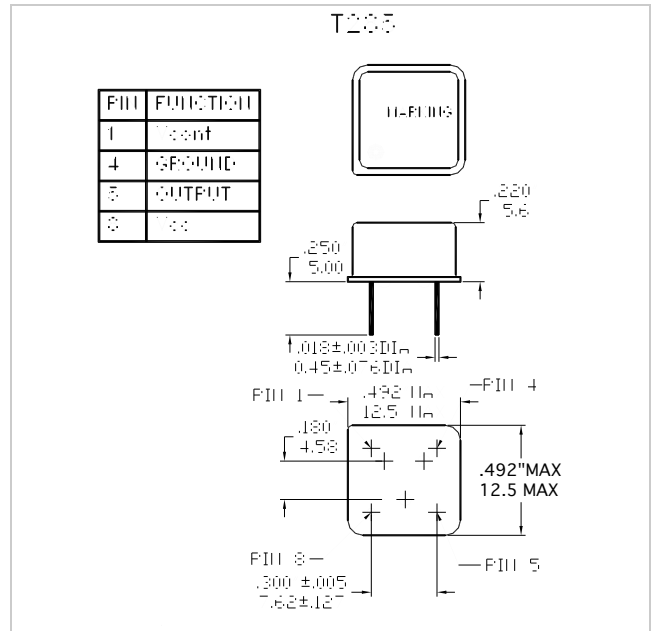
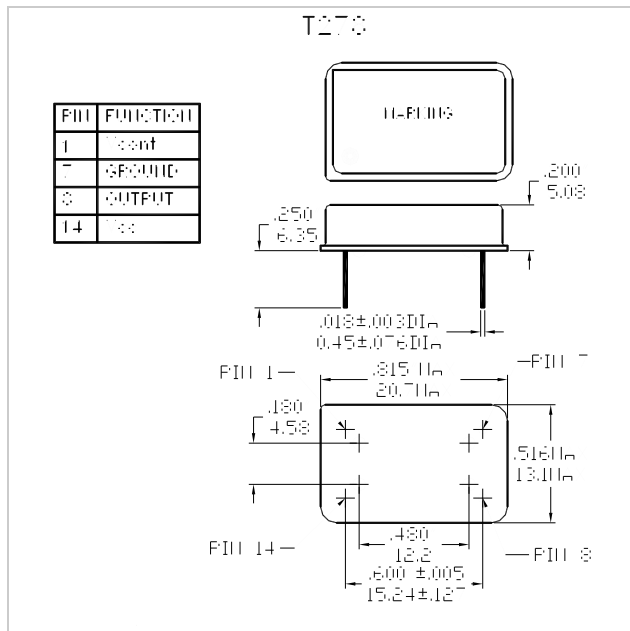
**EV 14**  
Series  
**VCXO**  
Thru-Hole Oscillators

*Features: Hermetically Sealed, Full and Half Sized DIP Package, HCMOS / TTL Compatible*

PARAMETERS	EV141	EV142	EV143	EV144
Package Part#	T278		T285	
Frequency Range (MHz)	1.5 ~ 76.0			
Frequency Stability vs Temp. ( $\pm$ ppm)	30			
vs Supply Voltage	1.0			
vs Aging	2.0			
Temperature Range ( $^{\circ}$ C)	Operating - 0 ~ +70 / Storage - -55 ~ +125			
Supply Voltage (V)	5.0 $\pm$ 5%	3.3 $\pm$ 5%	5.0 $\pm$ 5%	3.3 $\pm$ 5%
Supply Current (mA)	Frequency Dependent (25 ~ 60 mA)			
VOH (V Minimum)	4.5	2.7	4.5	2.7
VOL (V Maximum)	0.5	0.4	0.5	0.4
Load	15 pF / 10 TTL (30 pF Available)			
Frequency Deviation ( $\pm$ ppm)	Per Specification (50 ~ 200 Minimum)			
Control Voltage (V)	0.5 ~ +4.5	0.15 ~ +3.15	0.5 ~ +4.5	0.15 ~ +3.15

**STANDARD AVAILABLE OPTIONS**

Frequency Stability vs Temp. ( $\pm$ ppm): 10, 25, 100  
 Operating Temp. Range ( $^{\circ}$ C): -20 ~ +70, -30 ~ +75, -40 ~ +85



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