



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

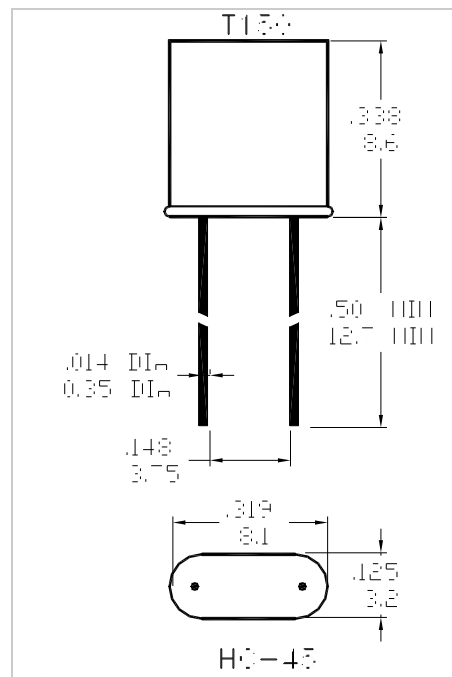
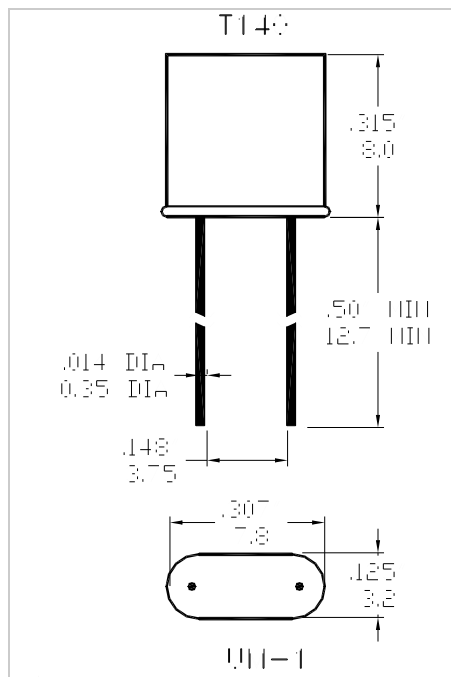
**EX 24**  
Series  
**MILITARY**  
Thru-Hole Crystal

*Features: Military, Custom Made-to-Order, Fundamental, HC-45 Size Series*

PARAMETERS	EX241	EX244
Package Part#	T140	T150
Frequency Range (MHz)	12.0 ~ 30.0	
Overtone	Fundamental	
Frequency Calibration ( $\pm$ ppm)	10 Typical	
Frequency Stability ( $\pm$ ppm)	30 Typical	
Operating Temp. Range ( $^{\circ}$ C)	-55 ~ +105	
Max. Resistance Level ( $\Omega$ )	40	
Resonance Type	Series or Load (Specify 10 ~ 50 pF)	
Max. Drive Level ( $\mu$ W)	2,000	
Test Drive Level ( $\mu$ W)	Per Specification (200 Typical)	

**STANDARD AVAILABLE OPTIONS**

- Parts are manufactured and tested per MIL-C-3098 and marked per MIL-STD-1285
- Parts are manufactured to meet the electrical & mechanical requirements of MIL-STD-202
- Frequency Calibration ( $\pm$ ppm): 5, 10, 15, 20, 25
- Frequency Stability ( $\pm$ ppm): 5, 10, 15, 20, 25, 50 (Frequency and Temp. Range Dependent)
- Operating Temp. Range ( $^{\circ}$ C): Downward to -60 and Upward to +150 (Frequency Range Dependent)
- Max. Resistance Level ( $\Omega$ ): Lower values are available (Frequency Range Dependent)



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