



INFICON EDC Inc. Quality Quartz Crystals and Oscillators

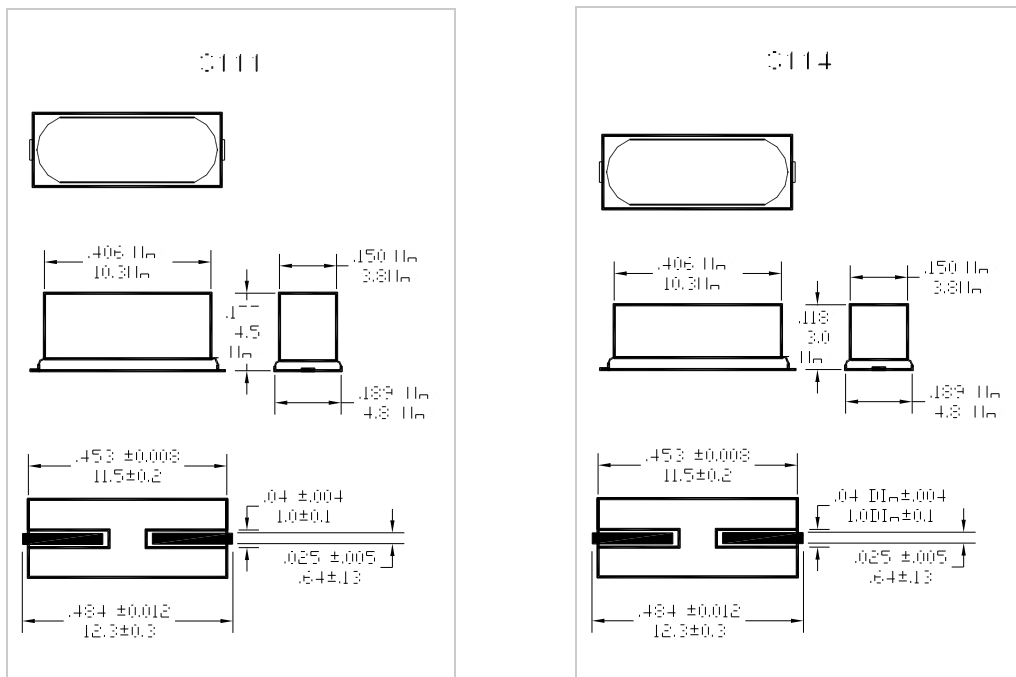
EX 31
Series
COMMERCIAL
SMD Crystal

Features: Commercial, Industrial, AT Strip, Fundamental & 3rd Overtone, SMD-49 Lo-Pro Series

PARAMETERS	EX311	EX312	EX313	EX314
Package Part#	S111	S114	S111	S114
Frequency Range (MHz)	3.5 ~ 25.0		25.0 ~ 60.0	
Overtone	Fundamental		3 rd	
Frequency Calibration (\pm ppm)				30
Frequency Stability (\pm ppm)				50
Operating Temp. Range ($^{\circ}$ C)	0 ~ +70			
Max. Resistance Level (Ω)	3.5MHz~ 150 Ω , 4.0MHz~ 120 Ω , 5.0MHz ~ 100 Ω , 6.0MHz ~ 75 Ω , 12.0MHz ~ 60 Ω , 15.0MHz ~ 50 Ω		25.0MHz ~ 75 Ω , 40.0MHz ~ 60 Ω	
Resonance Type	Series or Load (Specify 10 ~ 50 pF)			
Max. Drive Level (μ W)				500
Test Drive Level (μ W)				50

STANDARD AVAILABLE OPTIONS

- Frequency Calibration (\pm ppm): 10, 15, 20, 25
- Frequency Stability (\pm ppm): 15, 20, 25, 50 (Frequency and Temp. Range Dependent)
- Operating Temp. Range ($^{\circ}$ C): Downward to -40 and Upward to +105 (Frequency Range Dependent)
- Max. Resistance Level (Ω): Lower values are available (Frequency Range Dependent)
- Tape and Reel Packaging



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