



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

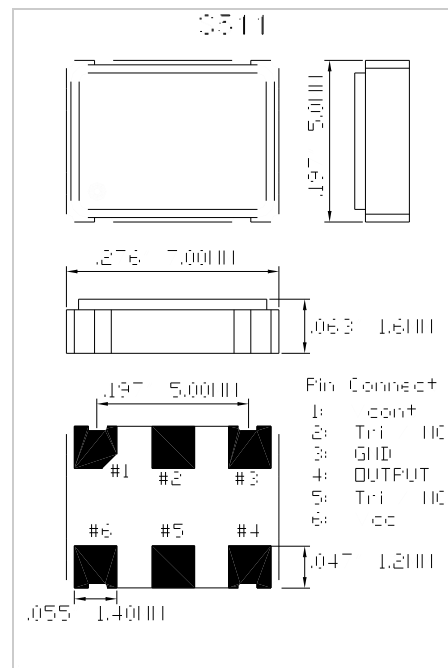
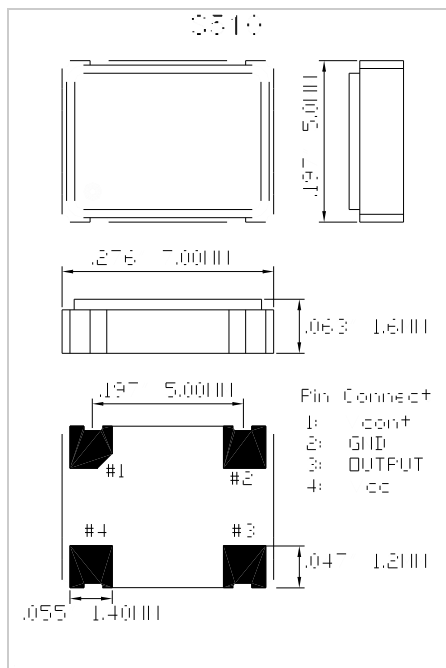
EV 15
Series
VCXO
SMD Oscillators

Features: 5.0 x 7.0 x 1.7mm Ceramic Seam Sealed, HCMOS / TTL Compatible

PARAMETERS	EV151	EV152	EV153	EV154
Package Part#	S510		S511	
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			
Frequency Deviation (\pm ppm)	Per Specification (50 ~ 150 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): 25, 100
 Operating Temp. Range ($^{\circ}$ C): -20 ~ +70, -30 ~ +75, -40 ~ +85



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