



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

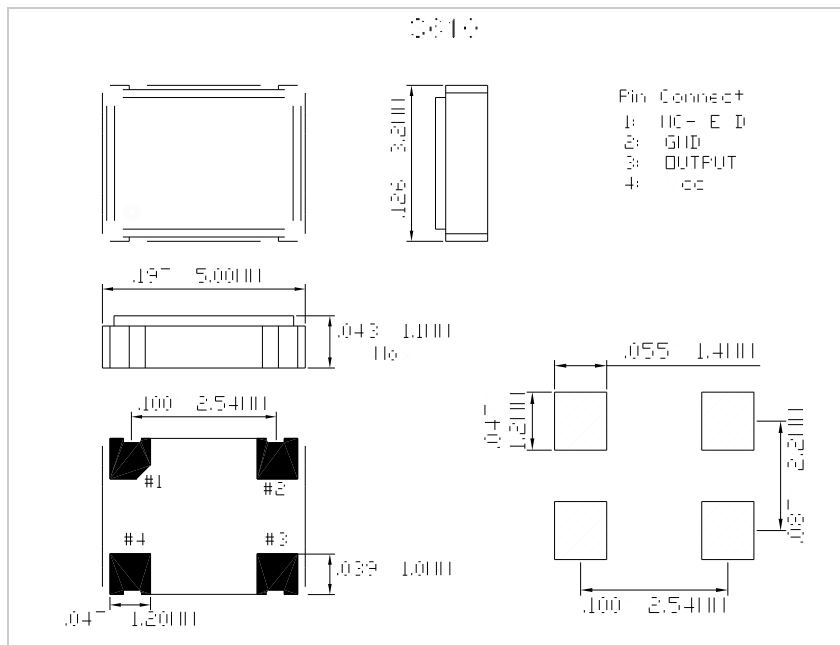
EC 51
Series
HCMOS
SMD Clock Oscillators

Features: 3.2 x 5.0 mm, 3.0, 2.5 & 1.8 V, CMOS Compatible, Seam Seal Metal Lid

PARAMETERS	EC511	EC512	EC513
Package Part#		S610	
Frequency Range (MHz)		1.8 ~ 125	
Frequency Stability (\pm ppm)		50	
Temperature Range ($^{\circ}$ C)	Operating - 0 ~ +70 / Storage - -55 ~ +125		
Supply Voltage (V)	3.0 \pm 5%	2.5 \pm 5%	1.8 \pm 5%
Supply Current (mA)	10 ~ 60(Freq. Dependent)	10 ~ 60(Freq. Dependent)	7 ~ 50 (Freq. Dependent)
Rise & Fall Time (nS)		6 Max	
Startup Time (mS)		10 Max	
Output "0" / "1" Level (V)		10% of Vcc Max / 90% of Vcc Min	
Symmetry (Duty Cycle) (%)		40 / 60 STD (45 / 55 Available)	
Output (CMOS)		15 pF	
Tristate Function		With	

STANDARD AVAILABLE OPTIONS

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



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