



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

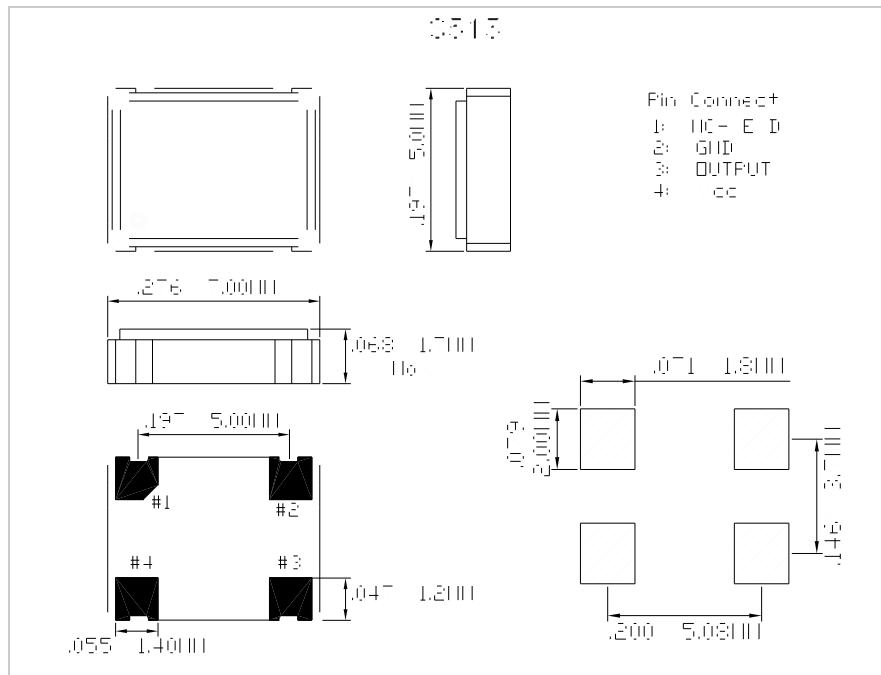
EC 46
Series
HCMOS
SMD Clock Oscillators

Features: 5.0 x 7.0 mm, 3.3 & 5.0 V, CMOS & TTL Compatible, Seam Seal Metal Lid

PARAMETERS	EC461	EC462
Package Part#	S513	
Frequency Range (MHz)	1.5 ~ 125	
Frequency Stability (\pm ppm)	50	
Temperature Range ($^{\circ}$ C)	Operating - 0 ~ +70 / Storage - -55 ~ +125	
Supply Voltage (V)	5.0 \pm 10%	3.3 \pm 10%
Supply Current (mA)	10 ~ 60 (Frequency Dependent)	10 ~ 50 (Frequency Dependent)
Rise & Fall Time (nS)	10 Max, <6 Typical	
Startup Time (mS)	10 Max, <5 Typical	
Output "0" / "1" Level (V)	10% of Vcc Max / 90% of Vcc Min	
Symmetry (Duty Cycle) (%)	40 / 60 STD (45 / 55 Available)	
Outputs	CMOS - 15 ~ 50 pF / TTL - 2, 5 or 10	
Tristate Function	With	

STANDARD AVAILABLE OPTIONS

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



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