



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

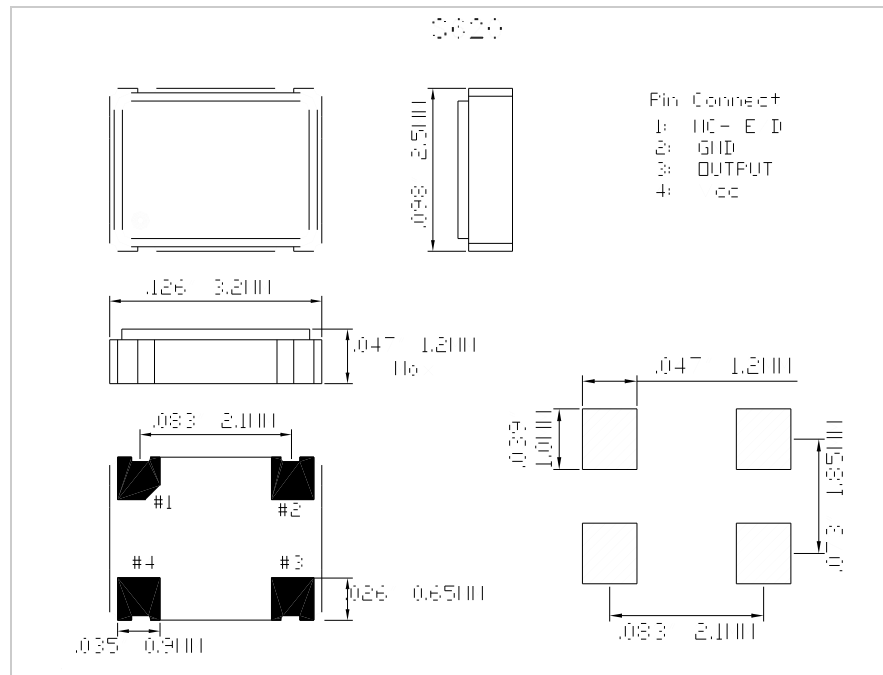
EC 49
Series
HCMOS
SMD Clock Oscillators

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

PARAMETERS	EC491	EC492
Package Part#	S620	
Frequency Range (MHz)	0.5 ~ 75	
Frequency Stability (\pm ppm)	50	
Temperature Range ($^{\circ}$ C)	Operating - 0 ~ +70 / Storage - -55 ~ +125	
Supply Voltage (V)	3.3 \pm 5%	3.0 \pm 5%
Supply Current (mA)	7 ~ 24 (Freq. Dependent)	6 ~ 20 (Freq. Dependent)
Rise & Fall Time (nS)	10 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, 30, 100
 Operating Temp. Range ($^{\circ}$ C): -20 ~ +70, -30 ~ +75, -40 ~ +85



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