



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

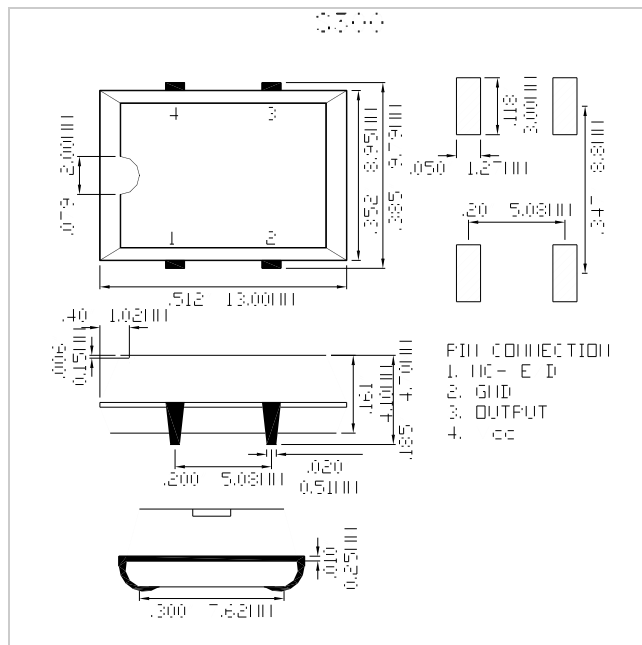
**EC 30**  
Series  
**HCMOS**  
SMD Clock Oscillators

Features: 9.8 x 13 x 4.7mm, Plastic Package, 5.0 V, CMOS & TTL Compatible

PARAMETERS	EC301	EC302	EC303	EC304
Package Part#	S300			
Frequency Range (MHz)	1.0 ~ 50			
Frequency Stability (±ppm)	100		50	
Temperature Range (°C)	Operating - 0 ~ +70 / Storage - -55 ~ +125			
Supply Voltage (V)	5.0 ± 10%			
Supply Current (mA)	1.0 ~ 15 Max // 27.0 ~ 30 Max // 50.0 ~ 45 Max			
Rise & Fall Time (nS)	1.0 ~ 8 Max // 40.0 ~ 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)			
Outputs	CMOS - 15 ~ 50 pF / TTL - 2, 5 or 10			
Tristate Function	With	Without	With	Without

**STANDARD AVAILABLE OPTIONS**

Frequency Stability (±ppm): 25, 100  
 Operating Temp. Range (°C): -20 ~ +70, -30 ~ +75



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