

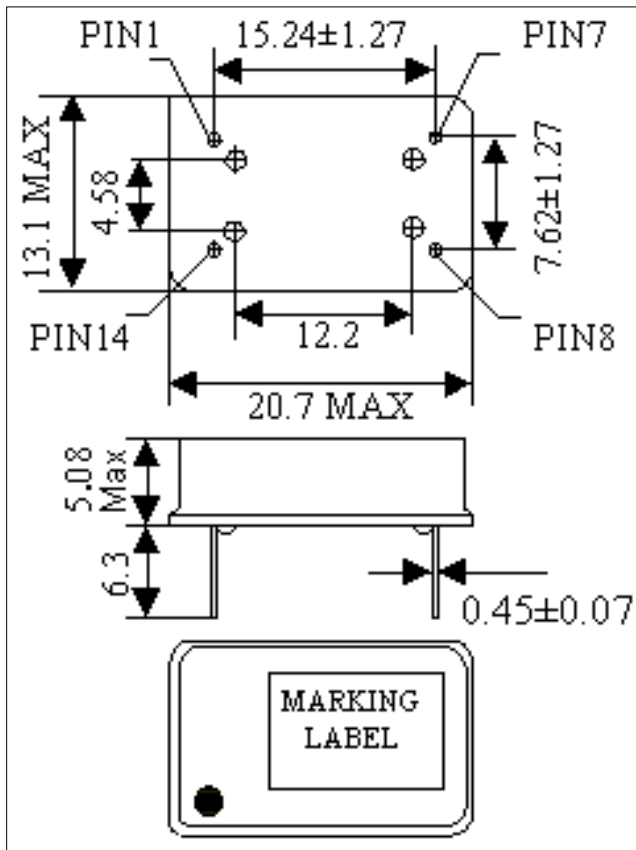


### Clock Oscillators, Dual In Line Packages

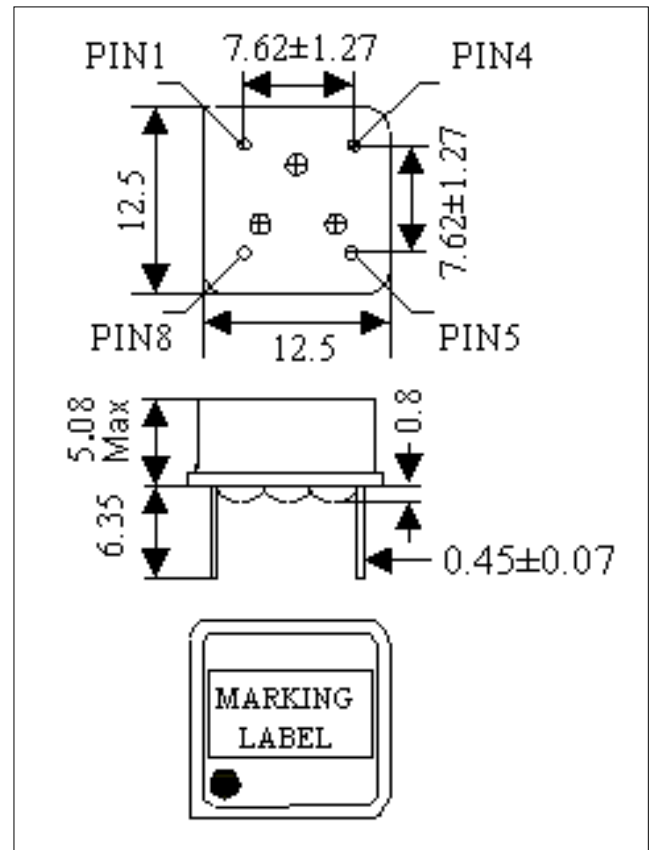
MODEL	C11	C14	C41	C44
FREQ' RANGE	1.50 to 125.00 MHz			
FREQ' STABILITY	Standard: $\pm 50$ PPM, Optional: $\pm 25$ PPM See "How - To - Order" instructions Parameters included: Operating Temp. Range, Calibration at $+25^{\circ}\text{C}$ , Supply and Load variations, Aging			
OPERATING TEMP' RANGE	See "How - To - Order" instructions			
OUTPUT WAVEFORM	HCMOS/ TTL compatible High Level (Voh): 0.9Vcc Min. Low Level (Vol): 0.1Vcc Max. Symmetry: $(50 \pm 10\%)$ or $(50 \pm 5\%)$			
START UP TIME	10 mSec Max. at Min. Supply Voltage			
LOAD	50 pF Max.			
SUPPLY VOLTAGE	Standard: $+5.0$ Vdc $\pm 10\%$ Options: $+3.3$ , $+3.0$ V			
SUPPLY CURRENT	50 mA Max. at no load			
ENABLE / DISABLE	N/A	Enable: High (above 2.2V) or open Disable: Low (below 0.8V)		N/A
PACKAGE	14 pin DIP 20.7 X 13.1 X 5.0 mm.		8 pin DIP 12.5 X 12.5 X 5.0 mm.	

<b>Environmental Conditions</b>	
<b>SHOCK</b>	IEC 68-2-27 (Test Ea) 30G, 18 mSec, Half Sine
<b>VIBRATION</b>	IEC 68-2-6 (Test Fc), 0.35mm, 5G, 10-2000Hz, 6 cycles/ axis
<b>THERMAL SHOCK</b>	IEC 68-2-14 (Test Na), 30 min. in each extreme temperature
<b>SEAL</b>	IEC 68-2-17 (Test Qc method 2)
<b>SOLDERING HEAT</b>	IEC 68-2-20A ( $230^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 Sec)

**C11, C14**



**C41, C44**



Pin	Function	
	C11	C14
1	N/C	E/D
7	GND	
8	Output	
14	Vcc	

Pin	Function	
	C41	C44
1	E/D	N/C
4	GND	
5	Output	
8	Vcc	

Dimensions in mm.

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