

LMTC1015 Series

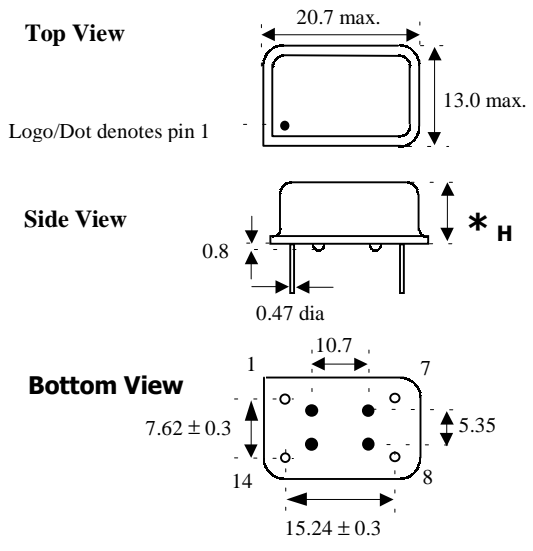
Full Size Temperature Compensated Crystal Oscillator

FREQUENCY CHARACTERISTICS	
Standard Frequencies	1.500 to 150 MHz 2 to 32 MHz (Clipped Sine)
Operating Temperature Stability	See table below
Aging	<±2 PPM/year
Frequency Tolerance	±2 PPM Max. at 25°C
Storage Temperature	-40 to +80°C
Frequency Adjustment	Option 1 : Internal Trimmer Option 2 : Control Voltage Trim

POWER SUPPLY	
Voltage	+5V DC (±5%)
Current	20 mA Max <20 MHz 30 mA Max 20 to 50 MHz 50 mA Max >50 MHz

OSCILLATOR OUTPUT	CODE	
Out put	TTL	T
	HCMOS	H
	Clipped Sine	CS

OUTLINE AND PIN CONFIGURATION



STABILITY TABLE

Codes	Stability Codes Frequency Stability Range	Z	P	Q	R	S
		±1.5 PPM	±2 PPM	±2.5 PPM	±3 PPM	±5 PPM
A	0 to +50° C	Available	Available	Available	Available	Available
B	0 to +60° C	Available	Available	Available	Available	Available
F	0 to +70° C	Available	Available	Available	Available	Available
D	-10 to +60° C	Available	Available	Available	Available	Available
E	-10 to +70° C	Available	Available	Available	Available	Available
C	-20 to +70° C	Available	Available	Available	Available	Available
G	-30 to +80° C	Available	Available	Available	Available	Available
H	-30 to +85° C	Available	Available	Available	Available	Available

Denotes available
 Denotes not available

Pin connection

Option 1	Option 2
1 : No Connection	Control Voltage
7 : Ground	Ground
8 : Output	Output
14 : DC Input	DC Input

*** Height**
 7.1 mm Max. Upto 30 MHz
 8.5 mm Max. >30 MHz

Units in mm

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