



### FEATURE

- Compact DIL-14 Package
- Wide frequency range
- Custom Options available
- RoHS Compliant Standard

Table 1

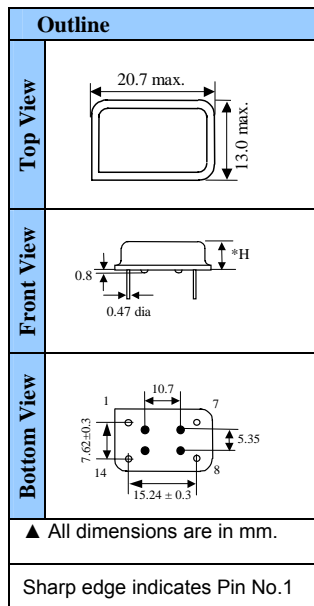
Codes	Stability Codes						
	Frequency Stability	Z ±1.5 PP M	P ±2.0 PP M	Q ±2.5 PPM	R ±3.0 PP M	B ±5.0 PPM	D ±10.0 PPM
A	0 to +50° C						
B	0 to +60° C						
F	0 to +70° C						
D	-10 to +60° C						
E	-10 to +70° C						
C	-20 to +70° C						
G	-30 to +80° C						
H	-30 to +85° C						
I	-40 to +85° C						

Denotes Available    Denotes not Available

Table 2

Supply Voltage	3.3V	5V
Code	3	5

### MECHANICAL SPECIFICATIONS



**\* Height**  
7.1 mm max. → Upto 35 MHz  
8.5 mm max. → >35 MHz

### Pin Configuration

Pin	Option N & I	Option V
1	No Connection	Control Voltage
7	Ground	Ground
8	Output	Output
14	DC Input	DC Input

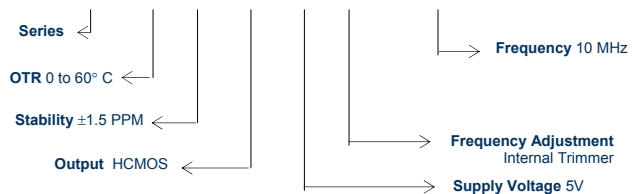
Parameters	Variant			Option Codes
	H	T	CS	
<b>Frequency Range:</b> 8 MHz – 40 MHz 1.0 MHz – 160 MHz (+5V) 1.0 MHz – 220 MHz (+3.3V)	■	□	■	
<b>Output Drive:</b> 15 pF HCMOS / TTL 10KΩ    el 10 pF Clipped Sine wave Other	■	■	■	Specify
<b>Output Levels:</b> Logic '0' = +0.5V max, '1' = +4.0V min Logic '0' = +0.4V max, '1' = +2.4V min Clipped Sine wave Other	■	■	□	Specify
<b>Rise / Fall time:</b> 10 ns max	■	■		
<b>Waveform Symmetry:</b> 40:60 max @ 2.5V 40:60 max @ 1.4V	■	■		
<b>Frequency at Room Temperature:</b> ±1.0ppm at 25°C±2°C	■	■	■	
<b>Frequency Stability:</b> (Table 1)	□	□	□	Specify
<b>Temperature Range:</b> (Table 1)	□	□	□	Specify
<b>Supply Voltage (V<sub>DD</sub>):</b> (Table 2) + 3.3V DC (±5%) + 5.0V DC (±5%)	■	■	■	
<b>Supply Current:</b> 20 mA max (<20.0 MHz) 30 mA max (20.0 ~ 50.0 MHz) 50 mA max (>50 MHz)	■	■	■	
<b>Ageing:</b> ± 2.0 ppm max per year	■	■	■	
<b>Frequency Adjustment:</b> Control voltage trim (0.5 Vcc ± 0.5 Vcc) 3 ppm min by internal trimmer None	□	□	□	V I N
<b>Storage temperature range:</b> -55 to +125° C	■	■	■	

■ Standard, □ Optional – please specify required code(s) when ordering.

### Ordering Information

#### Example

1015 B Z H 5 I 010M000000



Specifications subject to change without notice  
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