



FEATURE

- Compact DIL 14 package for Stratum 3 requirements
- Wide frequency range
- Custom Options available

MECHANICAL SPECIFICATIONS

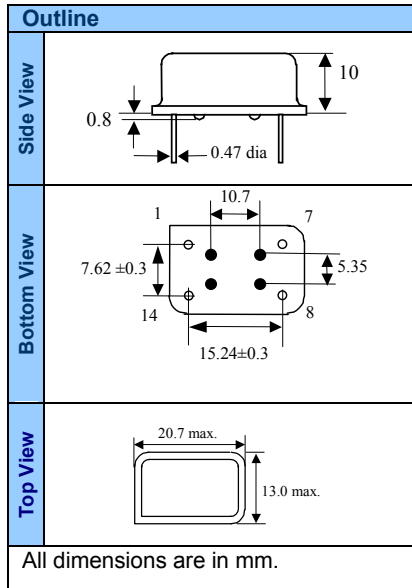


Table 1

Codes	OTR	Stability
B050	0 to +60° C	± 50 ppb
C100	-20 to +70° C	± 100 ppb
I250	-40 to +85° C	± 250 ppb

Typical Phase Noise (20 MHz Sine Output)

1 Hz Offset	- 50 dBc/Hz
10 Hz Offset	-80 dBc/Hz
100 Hz Offset	-110 dBc/Hz
1 KHz Offset	-135 dBc/Hz
10 KHz Offset	-140 dBc/Hz
100 KHz Offset	-145 dBc/Hz

Pin Configuration

Pin	Option V	Option N
1	Control Voltage	No connection
7	Ground	Ground
8	Output	Output
14	DC Input	DC Input

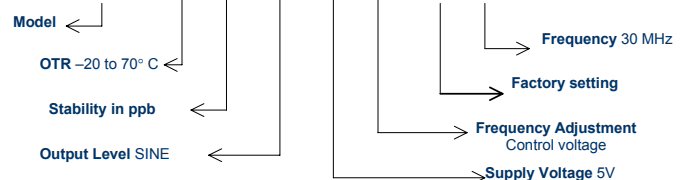
Parameters	Variant		Option Codes
	H	S	
Frequency Range: 2.5 MHz – 120 MHz 20 MHz – 120 MHz	■	■	
Output Drive: 15 pF HCMOS / TTL Compatible Sine wave	■	■	
Output Levels: Logic '0' = +0.5V max, '1' = +4.0V min +0dBm (min) into 50Ω	■	■	
Rise / fall time: 10 ns max	■		
Waveform symmetry: 40:60 max @ 2.5V	■		
Frequency at room temperature: Typical ± 0.1 ppm at 25°C±2°C	■	■	
Operating temperature range & Stability: Table1 Others	<input type="checkbox"/>	<input type="checkbox"/>	Specify Specify
Supply voltage (V_{DD}): +5.0V DC (±5%) Other	■ <input type="checkbox"/>	■ <input type="checkbox"/>	Specify
Supply Voltage Stability: ± 100 ppb max per 5% change	■	■	
Load Stability: ± 10 ppb max per 5% change	■	■	
Power consumption: 2.5 watts max. during warm-up @ 25°C 1 watts max. at steady-state @ 25°C	■ ■	■ ■	
Warm up time: 3 min Max. to ± 0.1 ppm @ 25°C	■	■	
Ageing: ± 0.7 ppm max. for the first year ± 4.0 ppm max. for 10 years	■ ■	■ ■	
Frequency adjustment: Control voltage trim (0.5 Vcc ± 0.5 Vcc) None	■ <input type="checkbox"/>	■ <input type="checkbox"/>	V N
Storage Temperature: -55 to 125°C	■	■	

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

Ordering Information

Example

2060 C 100 S 5 V X / 30 MHz



Specifications subject to change without notice