



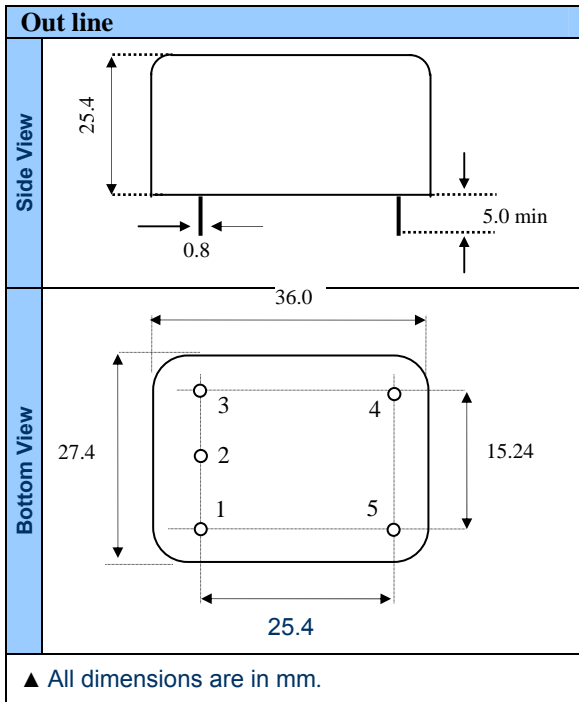
**FEATURE**

- Extremely high stability upto 1 ppb
- Standard European IEC CO-08 Pin-out
- SC-Cut Crystal
- Custom Options available

**Table 1**

Codes	Stability Codes	
	Temperature Range	Frequency Stability
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	
G1	-30 to +70° C	
I5	-40 to +70° C	
I4	-40 to +80° C	

**MECHANICAL SPECIFICATIONS**



Parameters	Variant			Option Codes
	H	T	S	
Frequency Range:	10 MHz – 100 MHz			
Output Drive:	15 pF HCMOS / TTL Sine wave			
Output Levels:	Logic '0' = +0.5V max, '1' = +4.0V min Logic '0' = +0.4V max, '1' = +2.4V min 3 dBm( min) into 50Ω			
Rise / fall time:	10 ns max			
Waveform symmetry:	40:60 max @ 2.5V 40:60 max @ 1.4V			
Frequency at room temperature:	± 0.01 ppm at 25°C±2°C			
Operating temperature range:	(Table 1)			Specify
Operating temperature stability:	± 1x10 <sup>-9</sup> ± 5x10 <sup>-9</sup> ± 10x10 <sup>-9</sup>			001 005 010 Specify
Supply voltage (VDD):	+5.0V DC (±5%) +12.0V DC (±5%)			5 C
Supply voltage stability:	<1x10 <sup>-9</sup> per 5% Change			
Power consumption:	5 watts max. during warm-up @ 25°C 2 watts max. at steady-state @ 25°C			
Warm up time:	6 min Max. to ±0.01 ppm @ 25°C			
Ageing:	± 3x10 <sup>-8</sup> per Year ± 5x10 <sup>-8</sup> per Year			
Frequency adjustment:	±0.2 ppm (min.) by Control voltage trim (2.5 V ±2.0 V) None			V N
Storage Temperature Range:	-40 to +125° C			

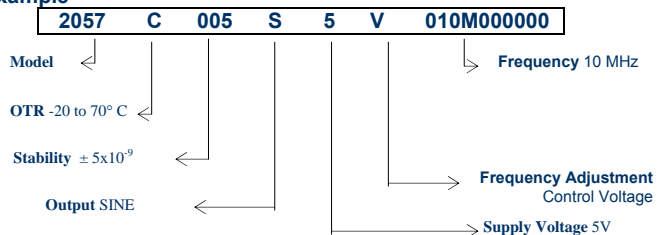
■ Standard, □ Optional – please specify required code(s) when ordering.

**Pin configuration**

Pin	Option V	Option N
1	Control Voltage	No Connection
2	No Connection	No Connection
3	DC Input	DC Input
4	Output	Output
5	Ground	Ground

**Ordering Information**

**Example**



Specifications subject to change without notice

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