



FEATURE

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

Table 1

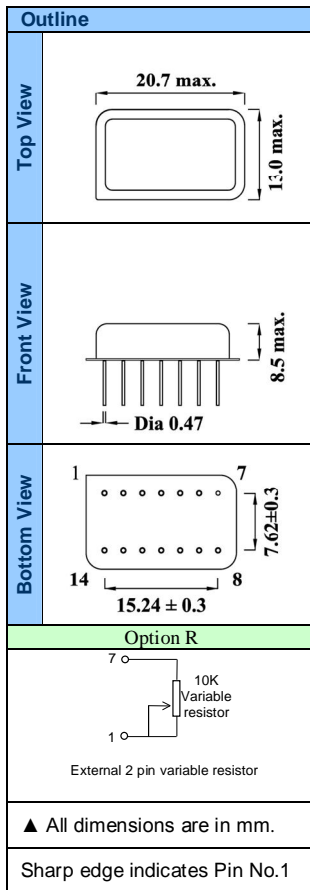
Codes	Stability Codes				
	Frequency Stability	X ±0.5 PPM	Y ±1.0 PPM	Z ±1.5 PPM	P ±2.0 PPM
C	-20 to +70° C				
G	-30 to +80° C				
H	-30 to +85° C				
I	-40 to +85° C				

Denotes Available Denotes not Available

Table 2

Supply Voltage	3.3V	5V
Code	3	5

MECHANICAL SPECIFICATIONS



Pin Configuration

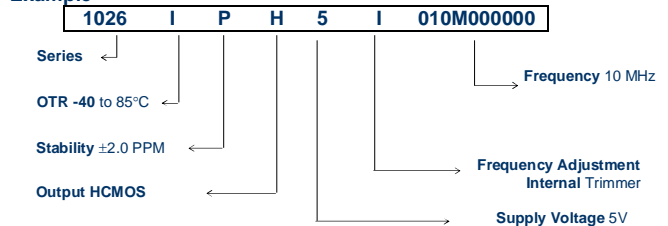
Pin	Option N&I	Option V	Option R
1	No Connection	Control Voltage	2 Pin Variable Resistor one end
7	Ground	Ground	Ground (Variable Resistor other end)
8	Output	Output	Output
14	Supply	Supply	Supply

Parameters	Variant			Option Codes
	H	T	S	
Frequency Range: 8 MHz – 100 MHz 10 MHz – 100 MHz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Output Drive: 15 pF HCMOS / TTL Sine Wave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Specify
Output Levels: Logic '0' = +0.5V max, '1' = +4.0V min Logic '0' = +0.4V max, '1' = +2.4V min + 0 dBm (min) into 50 Ω	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rise / Fall time: 10 ns max.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Waveform symmetry: 40:60 max @ 2.5V 40:60 max @ 1.4V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Frequency at Room Temperature: ±1.0ppm at 25°C±2°C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Frequency Stability: (Table 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify
Temperature Range: (Table 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify
Supply Voltage (V _{DD}): (Table 2) +3.3V (±5%) +5.0V (±5%) Others	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Specify Specify
Supply Current: 20 mA max (<20.0 MHz) 30 mA max (20.0 ~ 50.0 MHz) 50 mA max (>50 MHz)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Supply Voltage Stability: ± 0.1ppm max. per 5% change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ageing: ±1.0 ppm max per year	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Frequency Adjustment: Control voltage trim (0.5V _{CC} ±0.5V _{CC}) ±3 ppm min by internal trimmer ±5 ppm by external 2 pin variable resistor None	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	V I R N
Storage Temperature Range: -55 to +125° C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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

Ordering Information

Example



Specifications subject to change without notice
Revision No. 12b

ANDHRA ELECTRONICS LIMITED

34 & 35, IDA, Kakinada, AP – 533 005,
INDIA.
URL: www.andhraelec.com

Phone: +91-884-2342203
Fax: +91-884-2341145
E-mail: info@andhraelec.com