

OCXO I401 Series

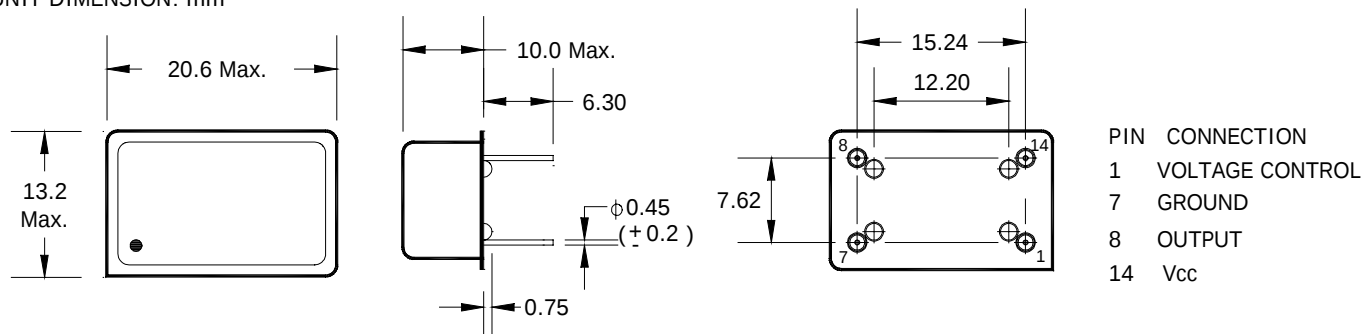
14 Pin DIP TTL/HCMOS

STANDARD SPECIFICATIONS

Frequency	To 100.000 MHz	
Output	TTL/HCMOS Compatible	
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.
Duty Cycles	50% ±10%	
Rise/ Fall time	<10 ns	
Load	1 TTL or 15 pF HCMOS Max	
Stability		
Temperature	To ±0.1 ppm *	
Supply Voltage ±5%	To ±0.1 ppm	
Load ±10%	To ±0.05 ppm	
Aging per year	To ±0.1 ppm	
Warm up	To within 0.1 ppm in 10 minutes	
Phase Noise	Offset	Phase Noise
	10 Hz	-80dBc
	100 Hz	-110 dBc
	1,000 Hz	-130 dBc
Voltage Control	0.5 Vdc to 4.5 Vdc	
Voltage Control Range (Pin 4)	±5ppm min.	
Slope	Positive or Negative	
Power Supplies		
Supply Voltage	5 Vdc ±5%	
Supply current max. during warm up	400 mA	
Supply current typ. @25°C SS	130 mA	
Temperature		
Operating	To 0°C to +70°C*	
Storage	-40°C to +125°C	

* Stability is related to operating temperature

UNIT DIMENSION: mm



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Specifications subject to change without notice