

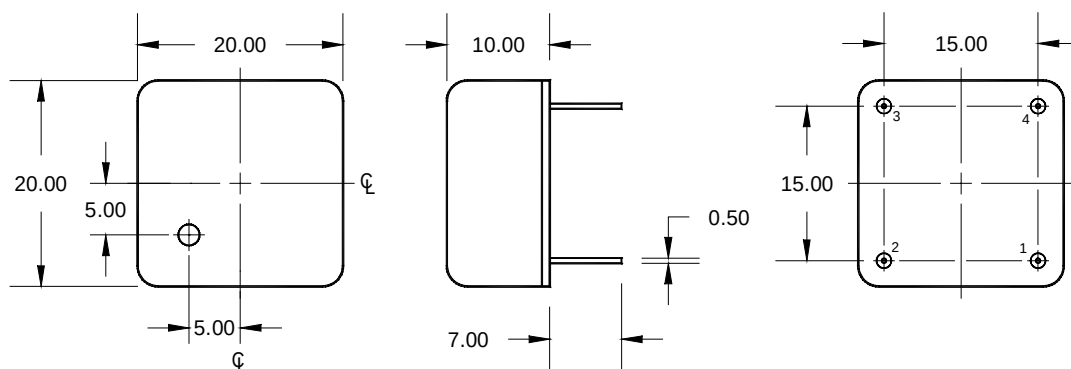


TCXO I106 Series

TTL/HCMOS, Clipped Sine Wave

Frequency		2.000 MHz ~100.000 MHz					
Output Level		As Specified					
		TTL		HCMOS		Clipped Sine Wave	
		‘0’= 0.4 Vdc Max., ‘1’=2.4 Vdc Min.		‘0’=0.1 Vcc Max., ‘1’=0.9 Vcc Min.		0dBm	
Duty Cycle		45/55		45/55		NA	
Rise/ Fall Time		< 5 nS *		< 5 nS *		NA	
Output Load		2 TTL		15 pF Max.		20 KΩ/5 pf	
Stability							
Frequency vs. Temperature		See Table I Temperature Stability					
Aging @ 25°C		± 0.005 ppm/day					
Frequency vs. Voltage		±0.05 ppm max / ±5% change					
Frequency vs. Load		±0.02 ppm / ±10% change					
Phase Noise		10 Hertz From Carrier			-90 dBc max		
		100 Hertz from Carrier			-120 dBc max		
		1000 Hertz From Carrier			-135 dBc max		
Frequency Adjustment Range		Electrical ± 10 ppm Pin 1					
Supply Voltage		5.0VDC ±5%					
Current		20 mA Max.					
Operating Temperature		See Table					
Storage Temperature		-40°C to +125°C					
Temp °C		Stability Graph in ppm					
		** Indicates Availability					
		±0.5	±1.0	±1.5	±2.0	±2.5	±3.0
	Code	W	N	O	P	Q	R
0~+60	12	**	**	**	**	**	**
-20~+70	3		**	**	**	**	**
-30~+70	10		**	**	**	**	**
-40~+85	2				**	**	**
Part Number Guide							
Sample Part #:		I106-12N-20.000					
Temperature Range		Frequency Stability			Frequency		
I106	12= 0°C ~ +60°C	N = ±1.0 ppm				20.000 MHz	

DIMENSION UNITS: mm



PIN	CONNECTIONS
1	NC
2	GROUND
3	OUTPUT
4	Vcc

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Specifications subject to change without notice