



AMERICA

TCXO I107 Series

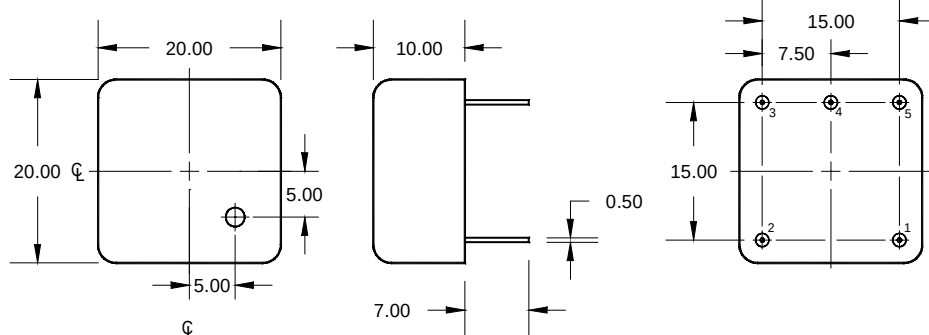
TTL/HCMOS

Frequency	1.2.000 MHz ~ 100.000 MHz
Output Level	TTL / HCMOS
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min. '0'=0.1 Vcc Max., '1'=0.9 Vcc Min.
Duty Cycle	50%±10%
Rise/ Fall Time	10 ns Max.
Output Load	2 TTL or 5 pF HCMOS Max
Stability	
Frequency vs. Temperature	See Table I Temperature Stability
Aging @ 25°C	± 1.0 ppm / year Max
Frequency vs. Voltage	±0.1 ppm max / ±5% change
Frequency vs. Load	±0.1 ppm max / 10%
Tolerance	±0.3 ppm @ 25°C
Frequency Adjustment Range	± 3 ppm Min
Supply Voltage	5.0 VDC ±5%
Current	40 mA Max
Operating Temperature	See Table 1
Storage Temperature	-40°C ~ +85°C

TABLE I	Frequency Stability in (± ppm) ** = Availability					
Operating Temperature Range	Code	1.0	1.5	2.0	2.5	3.0
0°C ~ +50°C	7	**	**	**	**	**
-10°C ~ +60°C	8	**	**	**	**	**
-20°C ~ +70°C	3		**	**	**	**
-30°C ~ +70°C	10			**	**	**
-30°C ~ +75°C	4				**	**
-40°C ~ +80°C	5					**

Part Number Guide		Sample Part #: I107-7P-20.000	
	Temperature Range	Frequency Stability	Frequency
I107	7= 0°C ~ +50°C	P= ±2.0ppm	20.000 MHz

DIMENSION UNITS: mm



PIN	CONNECTIONS
1	GROUND
2	GROUND
3	Vcc
4	OUTPUT
5	NC

ILSI America

5458 Louie Lane Reno, NV 89511 Phone: 775-851-8880 • Fax: 775-851-8882

• email: e-mail@ilsiamerica.com • www.ilsiamerica.com

Specifications subject to change without notice