



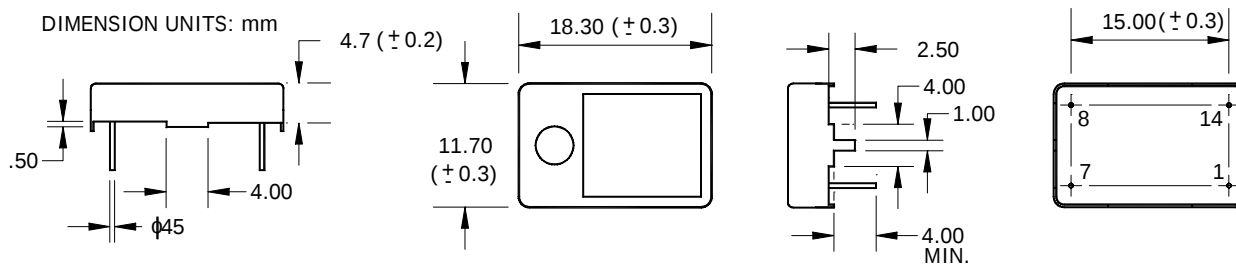
TCXO I101 Series

14 Pin Dip TTL/HCMOS

Frequency	1.000 MHz ~ 35.000 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	10 TTL or 15 pF HCMOS Max	
Stability		
Frequency vs. Temperature	See Table Temperature Stability	
Aging @ 25°C	± 1.0 ppm / year Max	
Frequency vs. Voltage	±0.5 ppm max / ±5% change	
Frequency vs. Load	±0.3 ppm max	
Frequency Adjustment Range	± 3 ppm min	
Supply Voltage	5.0 Vdc ±5%	3.3 Vdc ±5%
Current	20mA Max	
Operating Temperature	See Table 1	
Storage Temperature	-40°C ~ +85°C	

		Frequency Stability in (± ppm) ** = Availability							
Operating		1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Temperature Range	Code	O	P	Q	R	S	T	U	J
0°C ~ +50°C	7	**	**	**	**	**	**	**	**
-10°C ~ +60°C	8	**	**	**	**	**	**	**	**
-10°C ~ +70°C	6	**	**	**	**	**	**	**	**
-20°C ~ +70°C	3	**	**	**	**	**	**	**	**
-30°C ~ +60°C	11		**	**	**	**	**	**	**
-30°C ~ +70°C	10		**	**	**	**	**	**	**
-30°C ~ +75°C	4			**	**	**	**	**	**
-40°C ~ +80°C	5					**	**	**	**

Part Number Guide		Sample Part #: I101-7P5-20.000		
	Temperature Range	Frequency Stability	Supply Voltage	Frequency
I101	7= 0°C ~ +50°C	P= ±2.0ppm	3=3.3 Vdc or 5=5.0 Vdc	20.000 MHz



PIN	CONNECTIONS
1	NC
7	GROUND
8	OUTPUT
14	Vcc