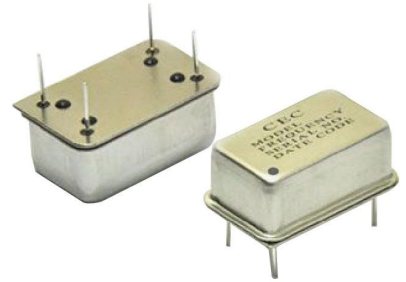


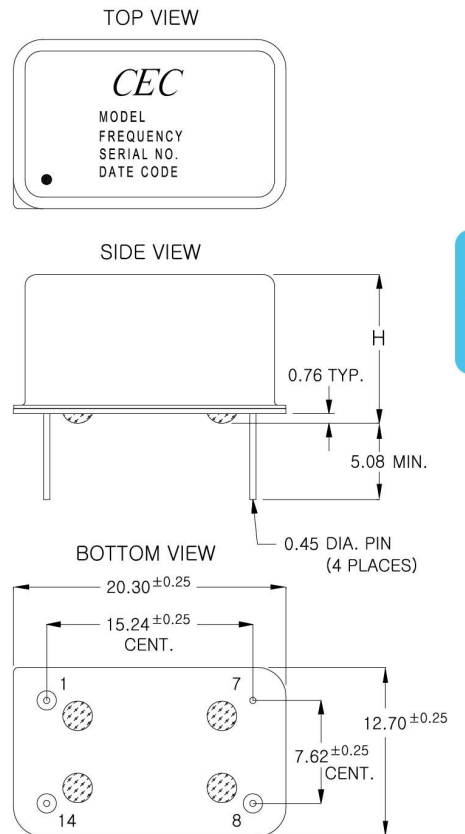
DIP14 VCTCXO

Part Number Guide			
TXE17 - XXXXX - FREQ.			
TXE17: Packag-DIP14 VCTCXO			
XXXXX: Voltage/Temp. Range/ Temp. Stability/Output/Adjustment Range			
FREQ.: Frequency in MHz			
Example: TXE17-AASCN-10MHz (3.3V, ±0.3ppm@ -40°C~85°C, CMOS, no adjustment)			
Parameters 参数		Coding Table 代码表	
11	Frequency Range 频率范围	5MHz-52MHz	
		For CMOS Output	10,12,8,16,16.384,19.2,19.44,20,25,38.88,50MHz
		For Sine wave Output	8.192,10,12.8,16,19.2,19.44,20,24,25,26MHz
6	Input Voltage 输入电压	A: 3.3V, B:5V	
7	Temp. Range 温度范围	A: -40°C to 85°C, B: -30°C to 75°C, C: -20°C to 70°C, D: 0°C to 70°C	
8	Temp. Stability 温度稳定性	P: ±0.05ppm, Q: ±0.1ppm, R: ±0.2ppm, S: ±0.3ppm, T: ±0.5ppm, U: ±1.0ppm	
9	Output Waveform 输出波形	C: CMOS, S: Sine Wave	
10	Adjustment Range 调频范围	H: ±5ppm ~ ±10ppm M: Mechanical Adjustment N: No Adjustment	
Voltage 电压			
Input Voltage 输入电压		3.3V ±5%	5V ±5%
VCO Center Voltage 压控端中心电压		1.5V	2.5V
VCO Input Range 压控端电压范围		0.5~2.5V	0.5~4.5V
Typical Specification of 10MHz TCXO 典型规格			
Frequency tolerance 频率精度		< ±0.5ppm	
Aging 老化率		< ±0.5ppm/year	
Voltage Stability 电压稳定性		< ±0.05ppm@Vcc ±5%	
Load Stability 负载稳定性		< ±0.05ppm@Cload ±5%	
Start Time 开机时间		< 1 ms	
Supply Current 消耗电流	CMOS Output	< 10 mA	
	Sine Wave Output	< 8 mA	
Output Level (CMOS) 输出电平	Output High Level	> 90% Vcc	
	Output Low Level	< 10% Vcc	
	Duty Cycle	45% ~ 55%	
Output Level (Sine) 输出幅度	> 6dBm		
Load 负载	CMOS Output	15pF	
	Sine Wave Output	50Ω	
Phase Noise 相位噪声	@100Hz	-135 dBc/Hz TYP.	
	@1k Hz	-155 dBc/Hz TYP.	
	@10k Hz	-165 dBc/Hz TYP.	
Storage Temp. Range 存储温度范围	-55~125 °C		
Product Height 产品高度	6.2, 9.4, 11mm Max.		



Pb Free RoHS Compliant
 Directive 2002/95/EC

Mechanical Dimensions 外形尺寸



PIN CONNECTIONS

PIN	FUNCTION
1	VCO Input or N/C
7	GND
8	R. F. Output
14	+VCC

Unit: mm