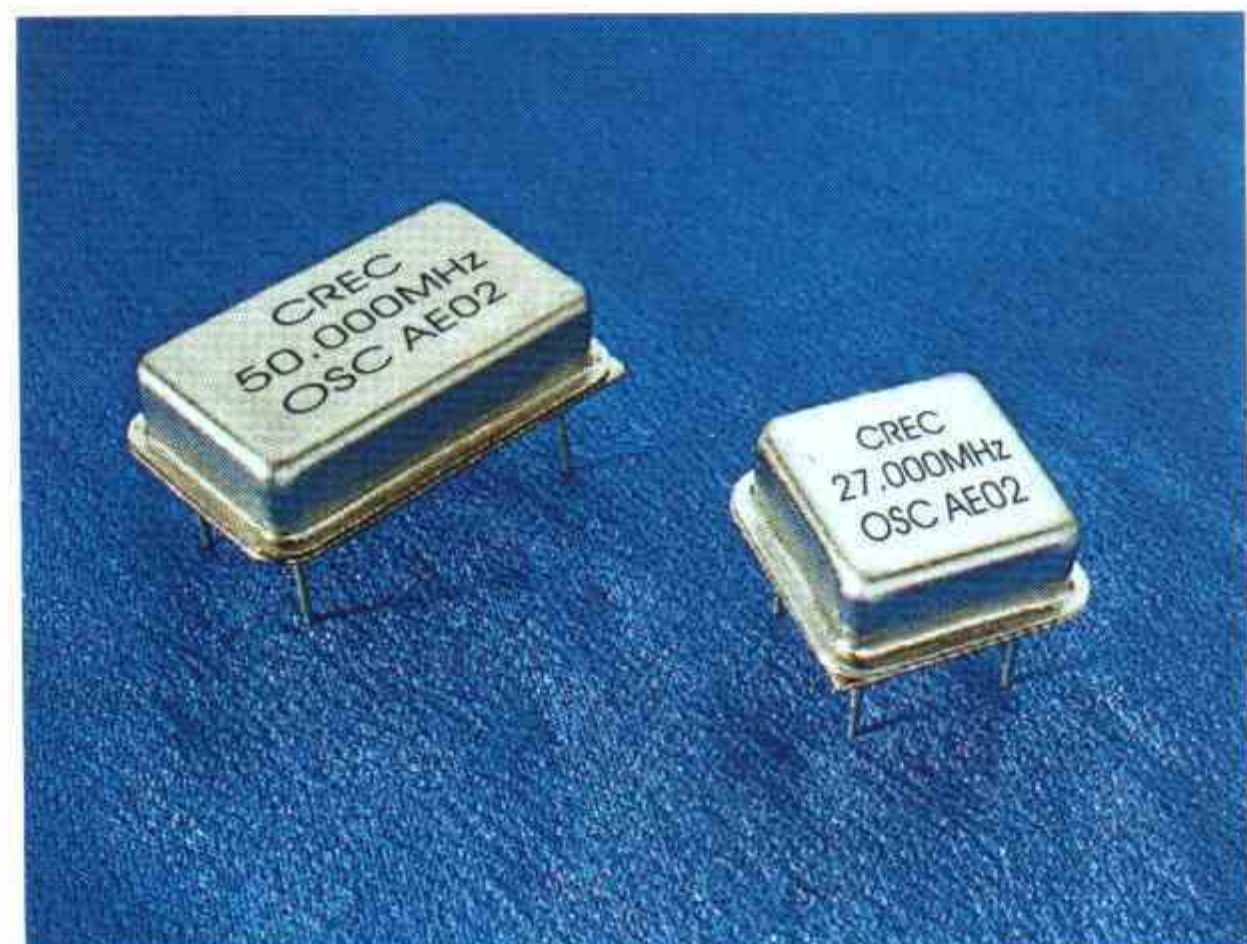




# 普通石英晶体振荡器(PX0) Crystal Oscillators(PXO)



**PART NUMBER SYSTEM**  
**C - F-20.000 M -XX - T - XX**

Marks: CREC  
 Model NO: F=Full size DIP14  
               H=Half size DIP8  
 Nominal Frequency: M= MHz, K= KHz  
 Available Options  
 Temperature Range: B=0°C to 70°C  
                           T= -40°C to 85°C  
 Frequency stability: (ppm)

## 产品用途 Application

该产品广泛用于系统频率源、导航，以及其它通讯领域。  
 These products are widely used in system frequency source, navigation and other communication fields.

## 规格 Specifications

型号 Model	RH-11 series	RH-21 series	RH-12 series	RH-22 series	RH-13 series	RH-23 series	RH-15 series	RH-25 series
特性 Feature	14pin DIP (Full size)				8Pin DIP (Half size)			
频率范围 Frequency Range (Fo)	1.00MHz to 150.00MHz							
频率稳定度 Frequency stability ( $\Delta f/f_0$ )	A= $\pm 25$ PPM,		B= $\pm 50$ PPM,		C= $\pm 100$ PPM			
工作温度范围 Operating Temperature Range (T <sub>OPR</sub> )	0°C to 70°C,		-40°C to 85°C		(Available)			
储存温度范围 Storage Temperature (T <sub>STG</sub> )	-55°C to 125°C							
电源电压 Power Supply Voltage (V <sub>DD</sub> )	5.0V <sub>DC</sub> $\pm$ 0.5V <sub>DC</sub>				3.3V <sub>DC</sub> $\pm$ 0.3V <sub>DC</sub>			
老化率 Aging (at 25°C)	$\pm 5$ PPM/Year max							
电流 Supply current (I <sub>DD</sub> )	1.000MHz to 23.999MHz		20mA max		50.000MHz to 70.000MHz		40mA max	
	24.000MHz to 50.000MHz		30mA max		70.000MHz to 150.000MHz		60mA max	
占空比 Output symmetry (At 50% V <sub>DD</sub> )	40 to 60% Normal,				45 to 55% Tight			
上升/下降时间 Rise and Fall Time (TR, TF)	5ns max							
最高逻辑输出 Output voltage logic High (V <sub>OH</sub> )	2.4V min		4.5V min		2.7V min			
最低逻辑输出 Output voltage logic LOW (V <sub>OL</sub> )	0.4V max		0.5V max		0.4V max			
输出负载 Output Load	1 to 10 TTL Loads		1.000MHz to 40.000MHz 10TTL Load or 50PF HCMOS 40.000MHz to 150.000MHz 10TTL Load or 50PF HCMOS Load					
Pin 1	No connection				No Connection to Enables Output			
Tri-state	V <sub>IH</sub>				2.0V <sub>DC</sub> min to Enable Output			
Input Voltage	V <sub>IL</sub>				0.8V <sub>DC</sub> max to Disable Output			

除此之外，我们可以根据客户需求定制，欢迎索取更详尽规格书。  
 Other special specifications are designed according to customer's requirements, More details available.

## 外形尺寸 Outline and dimension (mm)

