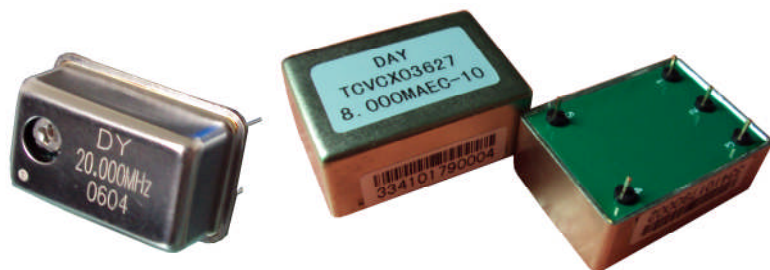


Crystal Oscillator Series

TCXO

Features

- ◆ RoHS Compliant
- ◆ TCXO



Electrical Specifications

Item		Specifications
Type		TCXO
Nominal Frequency Range		1.0MHz to 650.0MHz
Frequency Stability	Temperature	See Table 1
	Aging First Year	±1.0ppm
	Supply Voltage Change	±0.2ppm ($V_{DC} \pm 5\%$)
Operating Temperature		See Table 1
Storage Temperature		-55°C to +125°C
Supply Voltage		3.3V/5.0V/12V
Supply Current Max.		2.0mA
Output	Level	0.8Vp-p Min.(Clipped sine wave)
	Load	10KΩ//10pF
External Tuning Range		±8ppm Min. ($V_{control}: 1.5V \pm 1.0V$)
Phase Noise		10Hz, -70dBc/Hz 100Hz, -100dBc/Hz 1kHz, -130dBc/Hz 10kHz, -140dBc/Hz 100kHz, -145dBc/Hz

Table 1: Frequency Stability vs. Temperature

◆ Standard		A	B	C	D	E
◇ Please specify		±2.5ppm	±2.0ppm	±1.5ppm	±1.0ppm	±0.5ppm
A	0°C to +55°C	◆	◆	◆	◆	◆
B	0°C to +70°C	◆	◆	◆	◆	◆
C	-20°C to +70°C	◆	◆	◆	◆	◆
D	-30°C to +75°C	◆	◆	◇	◇	◇
E	-40°C to +85°C	◆	◇	◇	◇	◇

Ordering Information

T	C	Type	Pin	XX.XXXX	M	Supply Voltage	Stability Vs.Temp.	Operating Temp.	Option
TC:TCXO	Dimensions	B: 4Pins	Center frequency 1.0 to 650.0MHz	M: MHz	A:3.3V B:5.0V C:12V	See Table 1	See Table 1	F:Lead Free T:T&R Blank:Bulk	

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- 1 ——— $\frac{1}{s}$
2 ——— 输出
3 ——— $B+(5V)$