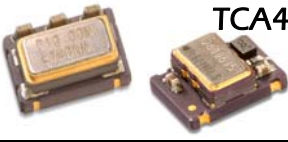


# Pletronics

## TCXO's

### Temperature Compensated Voltage Controlled Crystal Oscillators

RoHS 6/6 Compliant

Series	Features	Stability	Package Size
 <b>THA4</b>	8.0 MHz–52 MHz ♦ CMOS ♦ 2.7V–5.25V ♦ High Accuracy	± 0.3 ppm over –40° to +85°C ± 0.25 ppm over 0 to +70°C ± 0.1 ppm over +20° to +60°C	5 x 7 mm
 <b>TSA4</b>	8.0 MHz–40 MHz ♦ CMOS ♦ 2.7V–5.25V ♦ Lowest cost TCXO w/ CMOS output	± 1.0 ppm over –40° to +85°C	5 x 7 mm
 <b>TCF4</b>	10 MHz–40 MHz ♦ Clipped Sine ♦ 1.7V–3.5V ♦ Smallest footprint	± 1.0 ppm over –30° to +85°C	2.0 x 2.5 mm
 <b>TCE4</b>	10 MHz–40 MHz ♦ Clipped Sine ♦ 1.7V–3.5V	± 1.0 ppm over –30° to +85°C	2.5 x 3.2 mm
 <b>TCD4</b> *TCD4012 for Femtocell	10 MHz–40 MHz ♦ Clipped Sine ♦ 2.7V–3.5V	± 0.1 ppm over +20° to +60°C ± 0.25 ppm over 0 to +70°C ± 0.5 ppm over –30° to +85°C	3.2 x 5 mm
 <b>TCA4</b>	10 MHz–26 MHz ♦ Clipped Sine ♦ 2.7V–5.25V	± 1.0 ppm over –40° to +85°C	5 x 7 mm
 <b>TBA4</b>	8.0 MHz–52 MHz ♦ Clipped Sine ♦ 2.7V–5.25V ♦ High Accuracy ♦ Best phase noise	± 0.3 ppm over –40° to +85°C ± 0.25 ppm over 0 to +70°C ± 0.1 ppm over +20° to +60°C	5 x 7 mm

#### APPLICATIONS

#### COMMON FREQUENCIES (MHz)

♦ Wireless Communication	10.0	19.6608
♦ Base stations	12.8	20
♦ Handsets	13	20.48
♦ Point to point radios	16	25
♦ Broadband access	16.367667	26
♦ GPS	16.384	27
♦ Test equipment	16.8	32.768
	19.2	38.4
	19.44	40

