

EURO Package Precision OCXO



Model: FTE5__ASLF Series

RoHS Compliant

Rev. 2/25/2009

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http://www.foxonline.com/need_a_sample.htm



FEATURES

- 5.0V Operation
- 12V Available
- Sine Wave Output
- SC Cut Resonators
- EURO Package

• PART NUMBER SELECTION [Learn More](#) - Internet Required

Part Number	Model Number	Frequency Stability vs. Temp	Operating Temperature	*Frequency Range (MHz)
696LF-Frequency-xxxxx	FTE501ASLF	±7 PPB	0 ~ +70°C	5.000 ~ 50.000
697LF-Frequency-xxxxx	FTE502ASLF	±10 PPB	-20 ~ +70°C	5.000 ~ 50.000
698LF-Frequency-xxxxx	FTE503ASLF	±15 PPB	-40 ~ +75°C	5.000 ~ 50.000

• ELECTRICAL CHARACTERISTICS

PARAMETERS	MAX (unless otherwise noted)
Frequency Range (Fo)	5.000 ~ 50.000 MHz
Supply Voltage	+5 VDC ± 5%
Power (Warm-Up for 3 minutes)	3 Watts
Power Stabilized at +25°C (Still air)	0.8 Watts Typ
Stability Vs. Voltage (± 5% Change)	±2 PPB
Short Term Aging (3 weeks min operation)	± 0.50 PPB / Day
Long Term Aging (After 60 days operation)	± 50 PPB / Year
Allan Variance (1 sec samples)	10 ⁻¹¹ / Sec
Phase Noise (Offset)	(Typical @ 10 MHz)
10 Hz	-120 dBc
100 Hz	-140 dBc
1 KHz	-155 dBc
10 KHz	-158 dBc
Warm-Up to within ± 100 PPB (Referenced to freq after 1/2 hour power on)	3 minutes
Frequency Adjust (0 to +5 VDC)	± 0.5 PPM Min.
Slope	Positive
Non-Linearity (0.8V-5.0V)	± 10%
Input Impedance	> 100 K Min
Output	Sine
Output Level into 50 Ohms	3 dBm Min
Harmonics	> 30 dBc
Resonator Type	SC Cut
Terminations Finish	Sn/Ag/Cu

Note: Other frequencies and performance are available.
 All specifications subject to change without notice.
 Contact Fox Custom Products Center (CPC) for details at 877-369-8041 or email at <http://www.foxonline.com/email.htm>

