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SPECIFICATIONS

Customer	Date : 2006. 2. 27.
	SPEC. NO. :
	PART CODE : VCTCXO-PB33L-20.000MHz

A. REQUIREMENTS

Model VCTCXO
Size CRM5032-4PB
Packing
Marking



Power
Vcc 3.3+/- 0.165 V
Icc 5 mA max.

Waveform
Output Clipped Sine

Load 10Kohm // 10pF
Vpp 0.8 Vpp min
VH
VL
Tr
Tf
Symmetry

Phase Noise
10Hz
100Hz
1KHz
10KHz

Frequency
Pin 3 20.000MHz

Stability
Overall
Tolerance at 25 C +/- 1.0ppm max
Drift over Temp. +/- 1.0ppm max
Aging / 1yr +/- 1.0ppm max
Aging / 5yrs
Vcc Change +/- 0.3ppm max
Load Change +/- 0.3ppm max

Temperature Range
Operating Temp. -30~50 C
Storage Temp. -40~90 C
Operable Temp.

Control Option
Enable
Disable
Vc (VCXO) 0.3-1.65-3.0 V
Slope Positive
Pull Min. +- 5.0ppm
Pull Max.
Linearity +- 10%
MBW
Input-Z
Trimmer Adj.