

SPECIFICATIONS

Customer _____

Date : 2004. 5. 25.

SPEC. NO. : S0400032

PART CODE : TCXO-PB-10.000MHZ

A. REQUIREMENTS

Model TCXO
Size PB (5.0x3.2x1.2)
Packing Reel-1K
Marking

TPB-30L1.5
 O 10.000M yyww

Power
Vcc 3 +/- 0.15 V
Icc 2mA max.

Waveform
Output Clipped Sine
 An extanal capacitor (Cs) is needed for DC-CUT
Load 10Kohm // 10pF
Vpp 0.8V min.
VH
VL
Tr
Tf
Symmetry

Phase Noise
10Hz -70 dBc/Hz
100Hz -100 dBc/Hz
1KHz -120 dBc/Hz
10KHz -130 dBc/Hz

Frequency
Pin 3 10.000 MHz

Stability
Overall +/- 1.5ppm max.
Tolerance at 25 C
Drift over Temp.
Aging / 1yr +/- 1.0ppm max.
Aging /
Vcc Change
Load Change

Temperature Range
Operating Temp. -20~70 C
Storage Temp. -40~85 C
Operable Temp.

Control Option
 Enable
 Disable
 Vc (VCXO)
 Slope
 Pull Min.
 Pull Max.
 Linearity
 MBW
 Input-Z
 Trimmer Adj.