



NIHON DEMPA KOGYO CO., LTD

VCTCXO SPECIFICATIONS



Date: March 30th , 2010

THIS SPECIFICATION SHEET IS PROVIDED TO:

For specifying specifications of following product:

(NDK Part Number)

(Your Part Number)

VCTCXO 12.8MHZ

Prepared By:

CONFIRMED BY:

Checked By:

For future reference, we thank you to confirm the specifications and send one copy back to us.

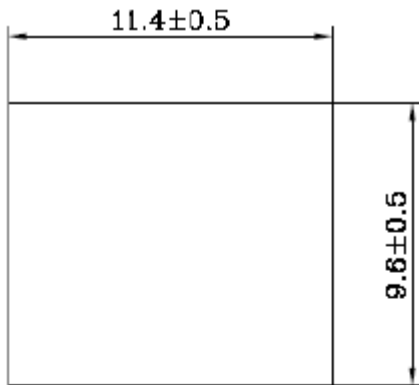


VCTCXO SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

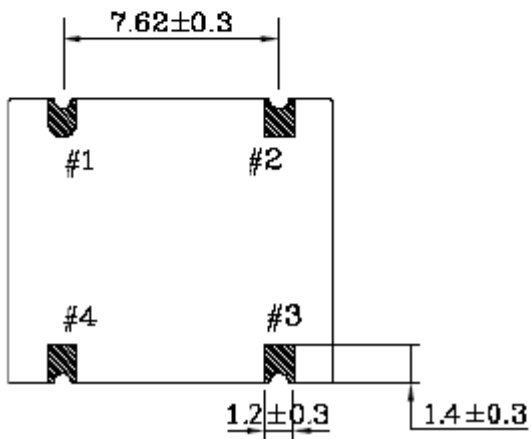
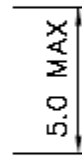
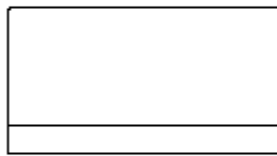
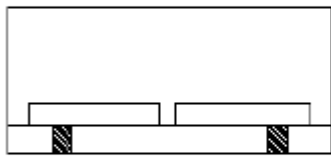
Type	VCTCXO
Frequency	12.800 MHz
Holder	VCTCXO 11.4X9.6MM
Reference temperature	+25°C
Frequency stability	
vs initial tolerance	<±1.0ppm @ +25°C
vs temperature	<±1.0ppm in -20°C/+70°C
vs supply voltage	<±0.3ppm with Vcc=+3.3V ±5%
vs load	<±0.3ppm with Load = 10KΩ//10pF ±10%
Operating temp. range	-20°C / +70°C
Power supply (Vcc)	+3.3V +/-5%
Current consumption (Icc)	2 mA
Control voltage	+1.5V ±1.0V
Pulling	> ±30ppm min.
Output	Clipped sinus 0.8Vpp min.
Load	10KΩ//10pF
Storage temp. range	-40°C / +85°C
Phase noise	-110dBc/Hz @ 100Hz -130dBc/Hz @ 1KHz -145dBc/Hz @ 10KHz

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PIN CONNECTION

- #1 N.C or V.C
- #2 GND
- #3 OUTPUT
- #4 Vcc



Recommended Soldering Pattern

