

CRYSTAL OSCILLATORS

TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS (TCXO)

5100 Series

■ Main applications: Mobile telephone, handheld phone

■ Features: ● Small size & light weight 11.4x9.6x3.9mm, volume 0.43cc
11.4x11.4x3.9mm, volume 0.51cc

- This is applicable to surface mounting (reflow soldering)
- Low current version
- "With afc version" is also available

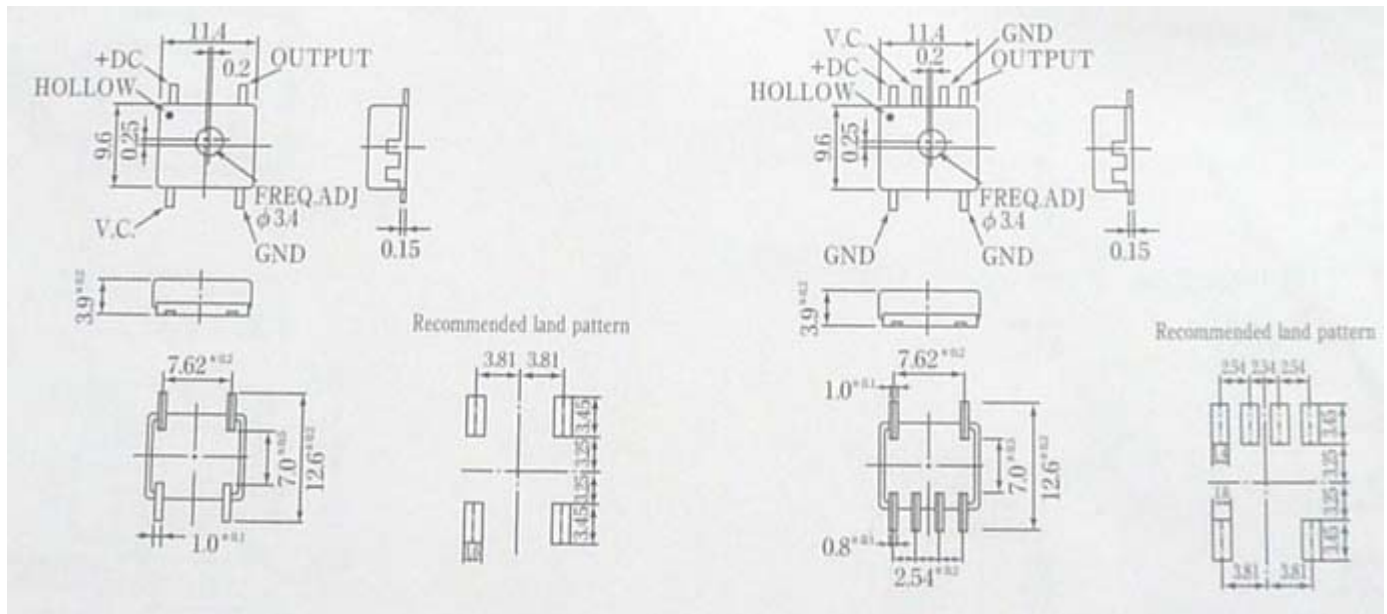
Item	Mode	5111A	5111P
Standard Frequency(MHz)		12.8 13 14.4	
Frequency Stability		$\pm 2.5 \times 10^{-6}$	
		-30 ~ +75°C	
Supply Volt Change		$\pm 0.3 \times 10^{-11} / +5V \pm 5\%$	
Supply Voltage		+5VDC	
Current Consumption		1.5mA max	
Output Voltage		IV(Peak to Peak)min	
Load		10KΩ/10pF	
Aging		$\pm 1 \times 10$ /year	
AFC Charact		$\pm 5 \times 10 / +2.5 \pm 2V$	
Frequency Trim Range		$\pm 3 \times 10$ min	
Case Code		11A-1	11F-1

Note: When you design with this oscillator, please provide sufficient ground pattern under this oscillator area.
For reflow soldering, LCC type lead is also available upon request.

NO.11A-1

(mm)

NO.11P-1



These oscillators are shipped after frequency adjustment at NDK. But if you need to trim frequency by trimmer condenser, please make sure that the driver fits trimmer rotor hole. Also do not weigh onto trimmer rotor.