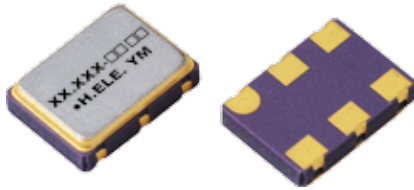




HSV753S Series-7.0mm x 5.0mm CRYSTAL OSCILLATOR, VCXO



Features

- SMD type VCXO with a mature industry production history.
- Better tolerance performance with voltage IC control.
- Common solution for new production design in networking and industrial applications.

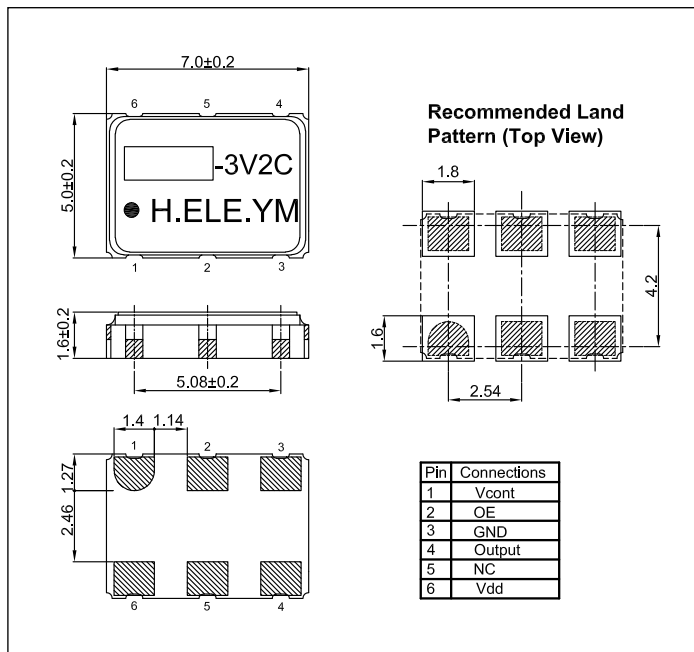
STANDARD SPECIFICATION:

ITEMS		PARAMETER
Frequency Range		1.8MHz ~ 55MHz
Frequency Stability		±25ppm, ±50ppm, ±100ppm
Power Voltage		+3.3 V DC 、 +5.0V DC (±10%V)
Frequency Pulling Range		±50ppm, ±90ppm Min
Control Voltage Range		0.3V to 3.0V 、 0.5V to 4.5V
Storage Temp.		-55°C ~ +125°C
Current Consumption		45mA Max.
Output Character	"0" Level	10%VDD Max.
	"1" Level	90%VDD Min.
	Rise Time (Tr)	10% ~ 90%VDD 10ns Max.
	Fall Time (Tf)	90% ~ 10%VDD 10ns Max.
	Symmetry	40 / 60 at 50%VDD
	Output Load	15pF
Start-up time		10ms max
Linearity		±10% Max .
Phase Jitter		1ps max.(F offset : 12KHz ~ 20MHz)

Packing Unit : 1,000pcs/Reel.

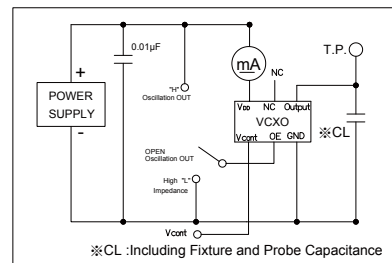
DIMENSION

Unit: mm



TEST CIRCUIT AND OUTPUT WAVEFORM

Measurement Circuit



Output Waveform

