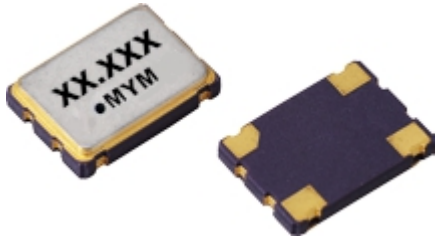


O751S Series-7.0mm x 5.0mm

CRYSTAL OSCILLATOR, SPXO



Features

- Mature industry oscillator package.
- Tri-state function.
- $\Delta f/F_0 \leq \pm 30 \times 10^{-6}$ is available.
- Common solution for networking and base station applications.

STANDARD SPECIFICATION:

ITEMS		PARAMETER			
Frequency Range		1.8MHz ~ 220MHz			
Frequency Stability		$\pm 25\text{ppm}$, $\pm 50\text{ppm}$, $\pm 100\text{ppm}$			
Option on pin 1		pin 1 Have Control			
POWER voltage		+2.5 V ($\pm 10\%$)	+2.85 V ($\pm 10\%$)	+3.3 V ($\pm 10\%$)	+5 V ($\pm 10\%$)
Storage Temp.		-55°C ~ +125°C			
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	60/40 to 40/60 at 50%VDD			
	Output Load	15pF, 30pF, 50pF Max			
Current Consumption	I _{cc}	20mA max .			
Stand-by Current (#1 pin "L" Level)	I _{std}	10uA max .			
Start-up time		5ms max			
Phasae Jitter		1ps max(F offset : 12KHz ~ 20MHz)			

Packing Unit : 1,000pcs/Reel.

DIMENSION

Unit: mm

Recommended Land Pattern (Top View)

Pin Connections	
1	OE(Output Enable)
2	GND
3	Output
4	Vdd

Test Circuit and Output Waveform:

Measurement Circuit

※ CL: Including Fixture and Probe Capacitance

Output Waveform

Input and Output Condition