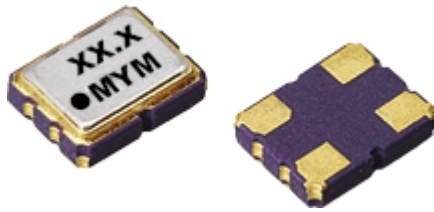


O321S Series-3.2mm x 2.5mm

CRYSTAL OSCILLATOR, SPXO



Features:

- Mainstream miniature oscillator package.
- Tri-state function.
- Low current consumption.
- Small supply voltage shift.
- Optimal solution for home security devices, power saving application, and low frequency specification circuit design looking for a smaller package.

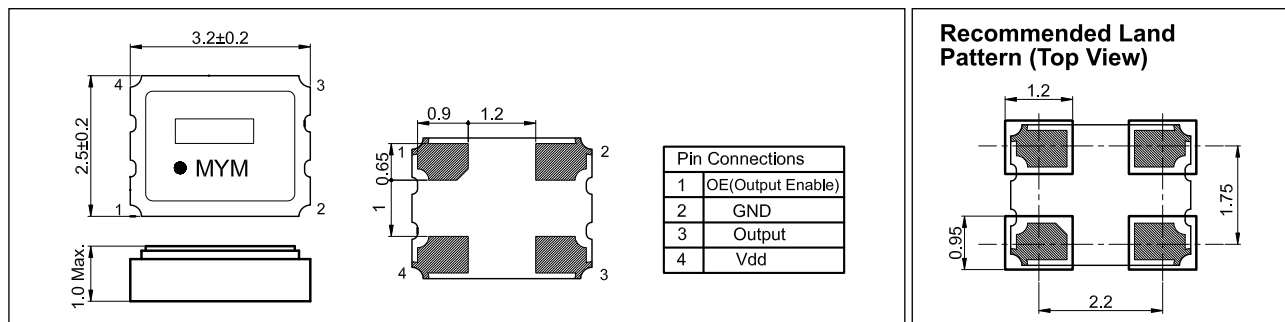
STANDARD SPECIFICATION:

ITEMS		PARAMETER			
Frequency Range		1MHz ~ 160MHz			
Frequency Stability		$\pm 25\text{ppm}$, $\pm 50\text{ppm}$, $\pm 100\text{ppm}$			
Option on pin 1		pin 1 Have Control			
POWER voltage		+1.8 V ($\pm 10\%$)	+2.5 V ($\pm 10\%$)	+2.8 V ($\pm 10\%$)	+3.3 V ($\pm 10\%$)
Storage Temp.		$-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$			
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 Max.			
Current Consumption	I _{cc}	15 mA max .			
Stand-by Current (#1 pin "L" Level)	I _{std}	10uA max .			
Start-up time		3ms max			
Phasae Jitter		1ps max(F offset : 12KHz ~ 20MHz)			

Packing Unit : 3,000pcs/Reel.

DIMENSION

Unit: mm



Test Circuit and Output Waveform:

