

# Model Numbering Guide – Crystal Oscillator

## Available options

Type	Package (mm)	Supply Voltage (V)	Tri-State Function	Freq. Stability (ppm)	Temp. Range (°C)	Output Logic And Symmetry	Oscillator Mode	Appearance	Lead Free	Dash	Freq. (MHz)
O: Oscillator	Y: 2.5x2.0 X: 3.2x2.5 V: 5.0x3.2 C: 7.0x5.0	E: 2.8~3.3 J: 2.5 K: 1.8	T: Fixed-Freq with Tri-State M: Multiplier Freq with Tri-State (Only for C type)	C: ±20 D: ±25 G: ±50 H: ±100	I: -10 ~ +60 C: -20 ~ +70 L: -40 ~ +85	J: CMOS 15pF / 50±5% K: CMOS 15pF / 50±10%	A: AT Fundamental T: AT 3rd Overtone  Not Selectable by Customer	N: Normal	F: RoHS Compliant		XX.XXXXXX
P: Programmable Oscillator	Y: 2.5x2.0 X: 3.2x2.5	E: 3.3 J: 2.5 K: 1.8	T: Fixed-Freq with Tri-State	C: ±20 D: ±25 G: ±50 H: ±100		J: CMOS 15pF / 50±5%					
O: Oscillator (PECL/LVDS)	T: 7.0x5.0	E: 2.8~3.3 J: 2.5	T: Input to pin 2 (std.) R: Input to pin 1 (case by case) M: Multiplier Freq with Tri-State	D: ±25 G: ±50 H: ±100		L: PECL / 50±5% V: LVDS / 50±5%					

**O Y E T C J J A N F - 13.000000**

\*Not all combinations of options are available.

### Example: OYETCJJANF-13

Type	Oscillator
Package	2.5 x 2.0 mm
Supply Voltage(V)	3.3 V
Tri-State	Fixed-Freq.
Freq. Stability	±25ppm
Temp Range	-20~+70 °C
CMOS 15pF Output	Symmetry 50±5%
Oscillator Mode	AT Fundamental
Appearance	Normal Appearance
Lead Free	RoHS Compliant
Frequency	13.000000 MHz