

# Product Specification Information – Crystal Oscillator

## Available options

Type	package	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: 2.5 x 2.0 X: 3.2 x 2.5 V: 5.0 x 3.2 C: 7.0 x 5.0	C: 5 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	50±5%					
						"A" TTL					
						E TTL 50pF					
						J CMOS 15pF					
						F CMOS 50 pF					
O:Oscillator (Dip)	H: 12.8x12.8 F: 20.4x12.8	Through Hole T: 5.0 E: 2.8~3.3 J: 2.5 K: 1.8 Gull Wing G: 5.0 F: 2.8~3.3	T: Fixed-Freq with Tri-State B: Low Freq. Without Tri-State (1KHz~5KHz,5V only) K: Fixed-Freq with Tri-State (BJ-Series)	B: ±10 C: ±20 D: ±25 G: ±50 H: ±100	I: -10~+60 C: -20~+70 L: -40~+85		-A: AT Fundamental -T: AT 3rd Overtone  NOT SELECTABLE BY CUSTOMER	N :Normal	F: RoHS Compliant		
P:Programmable Oscillator	Y: 2.5 x 2.0 X: 3.2 x 2.5	E: 3.3 J: 2.5 K: 1.8	T: Fixed-Freq with Tri-State	C: ±20 D: ±25 G: ±50 H: ±100	I: -10~+60 C: -20~+70 L: -40~+85						
O:Oscillator (PECL/LVDS)	T: 7.0 x 5.0	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	I: -10~+60 C: -20~+70 L: -40~+85	50±5%					
						L PECL					
						V LVDS					

**O Y E T C J J A N F - 13**

\*Not all combinations of options are available.

### Example: OYETDCJANF-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 MHz