



Static sensitive device

Current part - Recommended for new designs

Frequency Stability Options

Operating Temperature Range		Frequency Stability (PPM)					
		±15	±20	±25	±30	±50	±100
Standard	-0°C to +70°C	N/A	N/A	N/A	N/A	BS	CS
Industrial	-30°C to +85°C	N/A	N/A	N/A	N/A	BI	CI

Marking & Specification Code Format

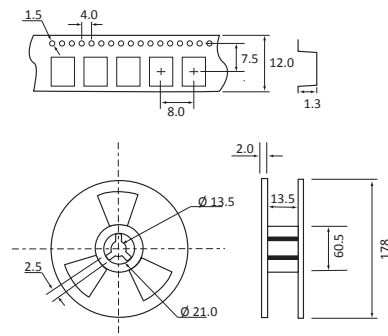
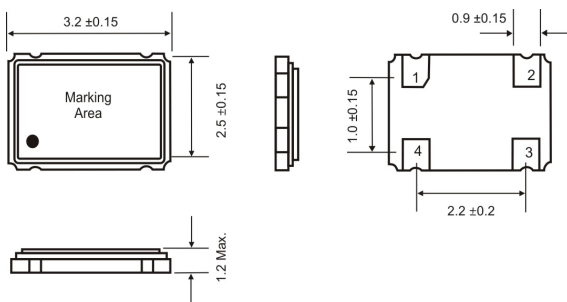
Type	Voltage Code	OTR/Stability	Frequency	WWYY
371	See right panel	See Above	ie 20.000	1611

Electrical Characteristics Ta = +25°C, ^{Note} Inclusive of V_{DD} ±10%, Load Change ±10%, Ageing, Shock & Vibration

Parameter	Condition	V _{DD} = +2.5V	V _{DD} = +2.8V	V _{DD} = +3.3V
Input Current	1.80 to 31.999	1.5mA Max.	2.0mA Max.	2.5mA Max.
	32.0 to 50.000	2.5mA Max.	3.0mA Max.	3.5mA Max.
Frequency Stability	All Conditions (See Note)	See Options Above		
Symmetry	@50% V _{DD} Level	45/55%		
Output Voltage	"0" Level	10% V _{DD} Max.		
	"1" Level	90% V _{DD} Min.		
Rise Time	10% to 90% V _{DD}	12ns Max.		
Fall Time	90% to 10% V _{DD}	12ns Max.		
Start Up Time	0V to V _{DD}	5ms Max.		
Output Load	HCMOS Load	15pF Max.		

Dimensions (mm)

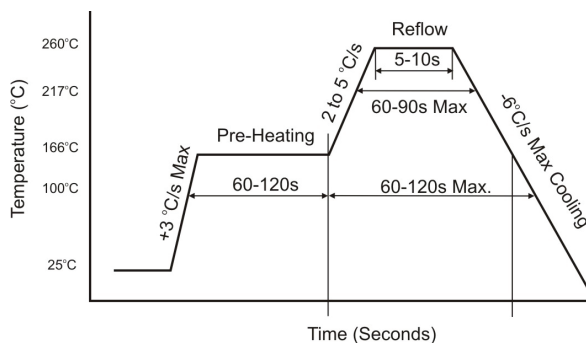
1,000pcs/Reel



Note: Place a 0.01µF bypass capacitor between V_{DD} (pin 4) and GND (Pin 2) to minimize noise from the power supply line

Reflow Solder Profile (260°C)

Pin Connections



Pad #	Connection
#1	E/D
#2	Ground
#3	Output
#4	V _{CC}

Enable/Disable Function	
Pin 1 Input	Pin 8 Output
Open	Enable O/P
V _{IH} ≥ 2.0V DC	Enable O/P
V _{IH} < 0.8V DC	Disable O/P