

Operating Conditions

Operating Temperature Range		Frequency Stability (PPM)					
		±15	±20	±25	±30	±50	±100
Standard	-10°C to +70°C	ES	DS	AS	FS	BS	CS
Industrial	-40°C to +85°C	EI	DI	AI	FI	BI	CI

Marking & Specification Code Format

Type	Voltage Code	OTR/Stability	Frequency	Pulling	WWYY
VC430	0 or 3	See Above	20.000	in PPM	1608

Storage Temp -55°C to +125°C

Various Option Codes

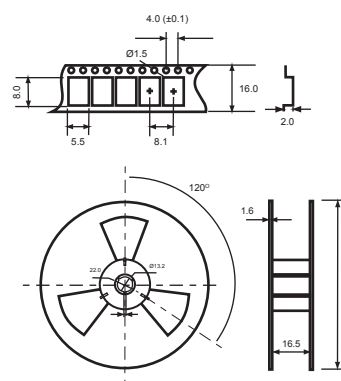
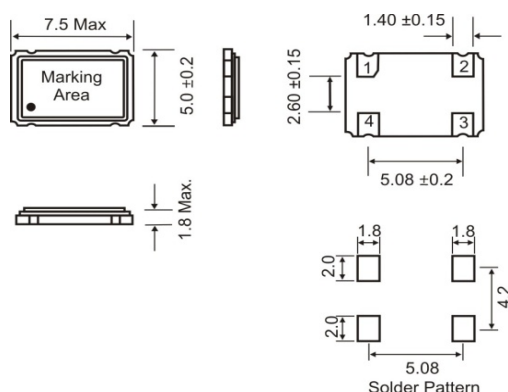
Supply Voltage	Option Code
+5.0V DC	0
+3.3V DC	3
Typical V_{CONT}	±50 PPM
Options	±100 PPM
Please specify	±200 PPM

Electrical Characteristics $T_a = +25^\circ\text{C}$, ^{Note} Inclusive of $V_{DD} \pm 10\%$, Load Change $\pm 10\%$, Ageing, Shock & Vibration

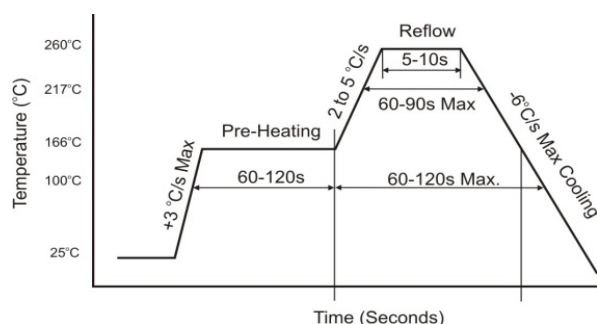
Parameter	Condition	+5.0V DC	+3.3V DC
Input Current	I_{DD} All Conditions ^{see above}	30mA Max.	
Frequency Calibration	at 25°C	±15PPM	
Frequency Stability	All Conditions (See Note)	See Options Above	
Stability vs Voltage Change	$V_{DD} \pm 5\%$	±5PPM	
Stability vs Load Change	15pF $\pm 5\%$	±3PPM	
Pulling	Over Control Voltage Range	±50PPM to ±200PPM	±50PPM to ±150PPM
Control Voltage Range		2.5V ± 2.0 V DC	1.65V ± 1.35 V DC
Rise/Fall Time	20% to 80% V_{DD}	10ns Max.	8ns Max.
Output Voltage	V_{OH}	90% V_{DD} Min.	
	V_{OL}	10% V_{DD} Max.	
Symmetry	SYM	40/60% (45/55% Available)	
Start Up Time	0V to V_{DD}	10mS Max.	
Output Load	HCMOS Load	15pF Max.	

Dimensions (mm)

1000pcs/Reel



Reflow Solder Profile (260°C)



Pin Connections

Pin	Connection	Enable/Disable Function	
#1	$V_{CONTROL}$	Pin 1 Input	Pin 4 Output
#2	Ground	Open	Enable O/P
#3	Output	$V_{IH} \geq 2.2$ V DC	Enable O/P
#4	V_{DD}		



Static sensitive device