V5 TYPE--SMD 5X7 CERAMIC PACKAGE

Standard Specifications

Parameter	Symb	condition	Min	Typ	Max	Unit
Frequency Range	F		1.8432		36.0	MHz
Frequency Stability	Δ F/F	Overall			±50	ppm
Operating Temperature Range	0℃ to 70℃ (-40℃ to +85℃ available)					
Supply Voltage	V_{DD}		4.75	5.00	5.25	V
Input Current	I_{DD}	15 pF		5		mA
Duty Cycle		@50% V_{DD}	45	50	55	%
Rise/Fall Time	T_r /T_f	10% to 90%		3.0	6.0	nS
Logic "1" Level	V_{oh}		0.9V_{DD}			V
Logic "0" Level	V_{ol}				0.1V_{DD}	V
Start-up Time	T_s			2	10	mS
Absolute Pull range			±50			ppm
Control Voltage	V_C		0		5.0	V
Linearity				±10		%
Enable Input	Input HIGH(>2.4V) or floating: ACTIVE					
Disable Input	Input LOW(<0.8V): INFINITE IMPEDANCE					
Enable/Disable Time					100	nS
Load	15 pF/10-TTL gates					
Output	HCMOS/TTL					

Ordering Guide

V5 ☐☐☐ FREQ

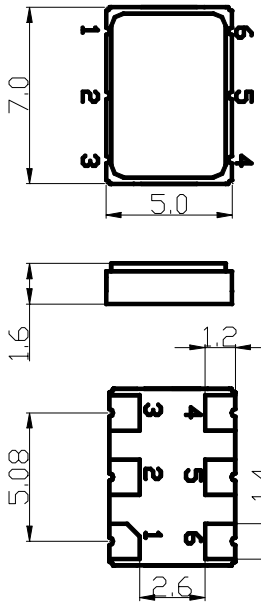
FREQUENCY STABILTY	
CODE	SPECIFICATION
A	±25 ppm
B	±50 ppm

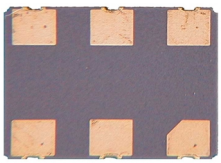
ABSOLUTE PULL RANGE	
CODE	SPECIFICATION
	±50 ppm
XXX	UP to ±100ppm MAX

OPERATIONAL TEMP RANGE	
CODE	SPECIFICATION
1	0℃ to +70℃
2	-40℃ to +85℃

Example:V5A2-100-8.000MHz
Frequency stability:±25ppm
Operating Temperature:0℃ to +70℃
Absolute Pull range:±100ppm
Frequency:8.000MHz

PIN CONNECTIONS
1-Voltage Control
2-Tristate Control
3-GND
4-Output
5-N/C
6-Supply Voltage





All Dimensions in mm