



X3 TYPE--SMD 5X7 CERAMIC PACKAGE

Standard Specifications

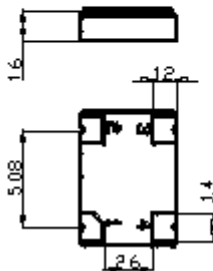
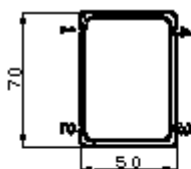
PARAMETER	SYMB	CONDITION	MIN	TYP	MAX	UNIT
Frequency Range	F		1.0		80.0	MHz
Frequency Stability	$\Delta F/F$	Overall	-100		+100	ppm
Operating Temperature Range	0 °C to 70 °C (-40 °C to +85 °C available)					
Supply Voltage	V DD		3.15	3.30	3.45	V
Input Current	I DD	15 pF		12	25	mA
Duty Cycle		@50% V DD	40	50	60	%
Rise/Fall Time	T r /T f	10% to 90%		3.0	5.0	nS
Logic "1" Level	V oh	Loaded. Overall	0.9 V DD			V
Logic "0" Level	V ol	Loaded. Overall			0.1 V DD	V
Start-up Time	T s			3	10	mS
Enable Input	Input HIGH(>2.2V) or floating: ACTIVE					
Disable Input	Input LOW(<0.8V): INFINITE IMPEDANCE					
Enable/Disable Time					100	nS
Load	10-TTL gates or 15 pF					
Output	HCMOS/TTL					

Ordering Guide

FREQ. STABILITY		<table border="1"> <tr> <th>CODE</th> <th>SPECIFICATION</th> </tr> <tr> <td>A</td> <td>±25 ppm</td> </tr> <tr> <td>B</td> <td>±30 ppm</td> </tr> <tr> <td>C</td> <td>±300 ppm</td> </tr> </table>	CODE	SPECIFICATION	A	±25 ppm	B	±30 ppm	C	±300 ppm
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OPERATIONAL TEMP. RANGE										
<table border="1"> <tr> <th>CODE</th> <th>SPECIFICATION</th> </tr> <tr> <td>1</td> <td>0°C to +70°C</td> </tr> <tr> <td>2</td> <td>-40°C to +85°C</td> </tr> </table>		CODE	SPECIFICATION	1	0°C to +70°C	2	-40°C to +85°C			
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1	0°C to +70°C									
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Example: 1331-25.000Hz
 Frequency stability: ±50 ppm
 Operating Temperature: 0°C to +70°C
 Frequency: 25.000Hz

PIN CONNECTIONS
 1-M/C or Tri-state Control
 2-ClO
 3-Output
 4-Supply Voltage



All Dimensions in mm

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