



Scale 3:1

## Features

- ▣ Ceramic SM package
- ▣ Fundamental mode up to 50.0MHz
- ▣ Low cost for volume applications
- ▣ Suitable for hand held applications

## Standard Frequencies

Fundamental in MHz	
20.000000	32.000000
24.000000	40.000000
25.000000	50.000000
30.000000	

## Specifications

Parameters	Product	Option Codes
	GSX-13	
<b>Frequency range:</b> 20.0 ~ 50.0MHz	■	
<b>Calibration tolerance:</b> ±30ppm	□	3
±50ppm	■	5
Other values	□	specify
<b>Temperature stability:</b> ±30ppm	□	3
±50ppm	■	5
±100ppm	□	C
Other values (±20ppm ~ ±100ppm)	□	specify
<b>Operating temperature range:</b>		
-10 to +60°C	■	1
-20 to +70°C	□	2
Other values	□	specify
<b>Storage temperature range:</b>		
-30 to +85°C	■	
<b>Circuit condition:</b>		
16pF	■	D
18pF	□	E
20pF	□	F
30pF	□	J
<b>Static capacitance (C<sub>0</sub>):</b> 7pF max	■	
<b>Oscillation mode:</b> Fundamental	■	
<b>Equivalent series resistance:</b>		
90Ω max	■	
<b>Ageing:</b> ±5ppm max first year	■	
<b>Test drive level:</b> 100μW	■	
<b>Soldering condition:</b>		
260°C, 10 sec x2 max	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

## Ordering Information

Product name + option codes + frequency

eg: **GSX-13/551D 30.0MHz** 50/50/10/16-F (standard)

**GSX-13/5C2J 40.0MHz** 50/100/20/30-F (standard)

Option code X (eg GSX-13/X) denotes a custom specification.

- ◆ Available on T&R - 3k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.