



Scale 2:1

## Features

- ▣▣▣▣ **Pad compatible with CP12A etc**
- ▣▣▣▣ **Wide frequency range**
- ▣▣▣▣ **Ceramic package with gold plated terminals**

## Standard Frequencies

Frequencies in MHz			
3.579545	8.064000	16.000000	24.576000
3.686400	9.600000	16.000312	25.000000
4.000000	9.830400	16.384000	32.000000
4.194304	10.000000	18.432000	35.251200
4.608000	10.240000	19.660800	40.000000
4.915200	11.059200	20.000000	48.000000
5.000000	12.000000	20.275200	50.000000
6.000000	12.288000	20.507000	56.448000
6.144000	14.318180	22.118400	
7.372800	14.745600	24.000000	
8.000000	15.360000	24.000140	

Other frequencies available. Please consult our sales office.

## Specifications

Parameters	Product	Option Codes
	GSX-11	
<b>Frequency range:</b> 3.20 ~ 70.0MHz	■	
<b>Calibration tolerance:</b> ±30ppm ±50ppm Other values (±30ppm ~ ±100ppm)	<input type="checkbox"/> ■ <input type="checkbox"/>	3 5 specify
<b>Temperature stability:</b> ±30ppm ±50ppm ±100ppm Other values (±30ppm ~ ±100ppm)	<input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/>	3 5 C specify
<b>Operating temperature range:</b> -10 to +60°C -20 to +70°C -30 to +80°C Other values	■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 2 3 specify
<b>Operable temperature range:</b> -30 to +85°C	■	
<b>Circuit condition:</b> 12pF 16pF 20pF 30pF Series resonant Other values	<input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B D F J S specify
<b>Oscillation mode:</b> Fundamental (3.2 ~ 26.9MHz) 3rd overtone (27.0 ~ 70.0MHz)	■ ■	F 3
<b>Static capacitance (C<sub>0</sub>):</b> 7pF max	■	
<b>Equivalent series resistance (max):</b> 200Ω (3.2 ~ 3.9MHz) 120Ω (4.0 ~ 4.9MHz) 80Ω (5.0 ~ 5.9MHz) 60Ω (6.0 ~ 7.9MHz) 45Ω (8.0 ~ 11.9MHz) 35Ω (12.0 ~ 14.9MHz) 30Ω (15.0 ~ 26.9MHz) 100Ω (27.0 ~ 70.0MHz, 3rd OT)	■ ■ ■ ■ ■ ■ ■ ■	
<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 code + frequency

eg: **GSX-11/551DF 20.0MHz** 50/50/10/16-F (standard)

eg: **GSX-11/352S3 32.0MHz** 30/50/20/S-3

Option code X (eg GSX-11/X) denotes a custom specification.

◆ Available on T&R - 1k pcs per reel.

◆ Refer to our website for T&R and soldering details.