



## Specifications

Parameters	Product	Option Codes
	GSX-751	
<b>Frequency range:</b>	6.0 ~ 100MHz	
<b>Calibration tolerance:</b>	±5ppm <input type="checkbox"/> ±7.5ppm <input type="checkbox"/> ±10ppm <input checked="" type="checkbox"/> ±20ppm <input type="checkbox"/> Other values <input type="checkbox"/>	L M 1 2 specify
<b>Temperature stability:</b>	±5ppm <input type="checkbox"/> ±7.5ppm <input type="checkbox"/> ±10ppm <input checked="" type="checkbox"/> ±15ppm <input type="checkbox"/> ±20ppm <input type="checkbox"/> Other values <input type="checkbox"/>	L M 1 P 2 specify
<b>Operating temperature range:</b>	0 to +50°C <input type="checkbox"/> -10 to +60°C <input checked="" type="checkbox"/> -20 to +70°C <input type="checkbox"/> -30 to +80°C <input type="checkbox"/> -40 to +85°C <input type="checkbox"/> Other values <input type="checkbox"/>	0 1 2 3 4 specify
<b>Circuit condition:</b>	12pF <input type="checkbox"/> 16pF <input checked="" type="checkbox"/> 18pF <input type="checkbox"/> 20pF <input type="checkbox"/> 30pF <input type="checkbox"/> Series resonant <input type="checkbox"/> Other values <input type="checkbox"/>	B D E F J S specify
<b>Oscillation mode:</b>	Fundamental (6.0 ~ 40.0MHz) <input checked="" type="checkbox"/> 3rd overtone (30.0 ~ 100MHz) <input checked="" type="checkbox"/>	F 3
<b>Static capacitance (C<sub>0</sub>):</b>	5pF max	
<b>Equivalent series resistance (max):</b>	80Ω (6.0 ~ 7.9MHz) <input checked="" type="checkbox"/> 60Ω (8.0 ~ 9.9MHz) <input checked="" type="checkbox"/> 40Ω (10.0 ~ 14.9MHz) <input checked="" type="checkbox"/> 30Ω (15.0 ~ 40.0MHz, fund) <input checked="" type="checkbox"/> 80Ω (30.0 ~ 100.0MHz, 3rd OT) <input checked="" type="checkbox"/>	
<b>Ageing:</b>	±3ppm max first year <input checked="" type="checkbox"/> ±1ppm max first year <input type="checkbox"/>	specify
<b>Test drive level:</b>	100μW max	
<b>Soldering condition:</b>	260°C, 10 sec x2 max	

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

## Features

- ▶ **Metal lid can be grounded to minimise EMI**
- ▶ **Seam seal for excellent long-term stability**
- ▶ **Frequencies up to 100MHz**
- ▶ **Tight specifications available**

## Temperature Stability

The table shows available combinations of stability (in ppm) and temperature range.

	±20	±15	±10	±7.5	±5
0 to +50°C	●	●	●	●	●
-10 to +60°C	●	●	●	●	●
-20 to +70°C	●	●	●	●	-
-30 to +80°C	●	●	-	-	-
-40 to +85°C	●	-	-	-	-

## Ordering Information

Product name + option codes + frequency

eg: **GSX-751/111DF 14.31818MHz** 10/10/10/16-F

**GSX-751/LP2S 36.0MHz 05/15/20/SR-3**

Option code X (eg GSX-751/X) denotes a custom specification.

- ◆ Available on T&R - 1k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.