



## Features

- ▣▣▣▣ **Ceramic body & lid**
- ▣▣▣▣ **Glass seal for best price / performance**

## Specifications

**GSX-642A: 2 pads**

**GSX-642B: 4 corner pads**

Parameters	Variant		Option Codes
	A	B	
Package: GSX-642A GSX-642B	■	■	
Frequency range: 8.0 ~ 60.0MHz	■	■	
Calibration tolerance: ±30ppm ±50ppm Other values (±20ppm ~ ±100ppm)	□ ■ □	□ ■ □	3 5 specify
Temperature stability: ±30ppm ±50ppm ±100ppm Other values (±20ppm ~ ±100ppm)	□ ■ □ □	□ ■ □ □	3 5 C specify
Operating temperature range: -10 to +60°C -20 to +70°C -30 to +80°C -40 to +85°C Other values	■ □ □ □ □	■ □ □ □ □	1 2 3 4 specify
Storage temperature range: -40 to +90°C	■	■	
Circuit condition: 12pF 16pF 18pF 20pF 30pF Other values	□ □ ■ □ □ □	□ □ ■ □ □ □	B D E F J specify
Oscillation mode: <sup>1</sup> Fundamental (8.0 ~ 50.0MHz) 3rd overtone (45.0 ~ 60.0MHz)	■ ■	■ ■	
Static capacitance (C <sub>0</sub> ): 5pF max	■	■	
Equivalent series resistance (max): 80Ω (8.0 ~ <10.0MHz) 60Ω (10.0 ~ <16.0MHz) 50Ω (16.0 ~ 50.0MHz, fund) 90Ω (45.0 ~ 60.0MHz, 3rd OT)	■ ■ ■ ■	■ ■ ■ ■	
Ageing: ±3ppm max first year	■		
Test drive level: 100μW	■	■	
Soldering condition: 260°C, 10 sec x2 max	■	■	

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

## Ordering Information

Product name + variant + option codes + frequency

eg: **GSX-642A/351EF 16.0MHz** 30/50/10/18-F

**GSX-642B/5C4EF 24.0MHz** 50/100/40/18-F

Option code X (eg GSX-642B/X) denotes a custom specification.

- ◆ ±30ppm temperature stability may not be available over -40+85°C. Check with our sales office before ordering.
- ◆ Available on T&R - 1k pcs per reel.
- ◆ **WARNING** - EOL approaching: Do not use for new designs.