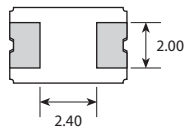
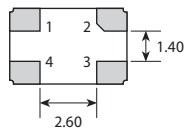
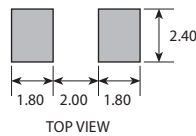


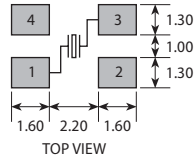
### SOLDER PAD LAYOUTS



GSX-532A



GSX-532B



Scale 3:1

## Features

- ▣▣▣▣ **Ceramic body & lid**
- ▣▣▣▣ **Glass seal for best price / performance**
- ▣▣▣▣ **Ultra-miniature for maximum space saving**
- ▣▣▣▣ **Low cost for volume applications**

## Standard Frequencies

Frequencies in MHz			
12.600000	13.000000	16.000000	19.680000
12.800000	14.400000	19.200000	20.945000

Other frequencies available. Please consult our sales office.

## Specifications

**GSX-532A: 2 pads**

**GSX-532B: 4 corner pads**

Parameters	Variant		Option Codes
	A	B	
<b>Package:</b> GSX-532A GSX-532B	■	■	
<b>Frequency range:</b> 12.0 ~ 50.0MHz	■	■	
<b>Calibration tolerance:</b> ±30ppm ±50ppm Other values (±20 ~ ±100ppm)	□ ■ □	□ ■ □	3 5 specify
<b>Temperature stability:</b> ±30ppm ±50ppm ±100ppm Other values (±20 ~ ±100ppm)	□ ■ □ □	□ ■ □ □	3 5 C specify
<b>Operating temperature range:</b> -10 to +60°C -20 to +70°C -30 to +80°C -40 to +85°C Other values	■ □ □ □ □	■ □ □ □ □	1 2 3 4 specify
<b>Storage temperature range:</b> -40 to +90°C	■	■	
<b>Circuit condition:</b> 12pF 16pF 18pF 20pF 30pF Other values	□ □ ■ □ □ □	□ □ ■ □ □ □	B D E F J specify
<b>Oscillation mode:</b> Fundamental	■	■	F
<b>Static capacitance (C<sub>0</sub>):</b> 7pF max	■	■	
<b>Equivalent series resistance (max):</b> 60Ω (12.0 ~ <16.0MHz) 50Ω (16.0 ~ 50.0MHz)	■ ■	■ ■	
<b>Ageing:</b> ±3ppm 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 + variant + option codes + frequency

eg: **GSX-532A/351EF 12.80MHz** 30/50/10/18-F

**GSX-532B/5C4DF 24.5760MHz** 50/100/40/16-F

Option code X (eg GSX-532B/X) denotes a custom specification.

- ◆ GSX-532B (4-pad) variant is our preferred choice, and offers better stock availability
- ◆ ±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.
- ◆ Refer to our website for T&R and soldering details.