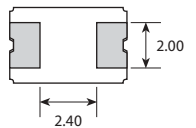
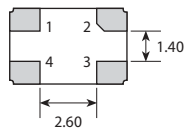
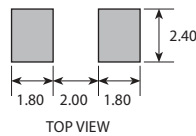


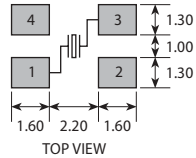
SOLDER PAD LAYOUTS



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	
Package: GSX-532A GSX-532B	■	■	
Frequency range: 12.0 ~ 50.0MHz	■	■	
Calibration tolerance: ±30ppm ±50ppm Other values (±20 ~ ±100ppm)	<input type="checkbox"/> ■ <input type="checkbox"/>	<input type="checkbox"/> ■ <input type="checkbox"/>	3 5 specify
Temperature stability: ±30ppm ±50ppm ±100ppm Other values (±20 ~ ±100ppm)	<input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/>	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	■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 2 3 4 specify
Storage temperature range: -40 to +90°C	■	■	
Circuit condition: 12pF 16pF 18pF 20pF 30pF Other values	<input type="checkbox"/> <input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B D E F J specify
Oscillation mode: Fundamental	■	■	F
Static capacitance (C₀): 7pF max	■	■	
Equivalent series resistance (max): 60Ω (12.0 ~ <16.0MHz) 50Ω (16.0 ~ 50.0MHz)	■ ■	■ ■	
Ageing: ±3ppm max first year	■		
Test drive level: 100μW	■	■	
Soldering condition: 235°C, 10 sec 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.