



Features

- ▶ Ceramic body & lid
- ▶ Glass seal for best price / performance
- ▶ Low cost for volume applications

Standard Frequencies

Frequencies in MHz			
10.000000	15.360000	19.680000	21.250000
12.600000	16.000000	19.800000	24.000000
12.800000	16.800000	20.000000	24.553500
13.000000	19.200000	20.400000	26.000000
14.400000	19.440000	20.945000	27.000000

Other frequencies available. Please consult our sales office.

Specifications

GSX-642A: 2 pads

GSX-642B: 4 corner pads

Parameters	Variant		Option Codes
	A	B	
Package: GSX-642A GSX-642B	■	■	
Frequency range: 9.60 ~ 50.0MHz	■	■	
Calibration tolerance: ±30ppm ±50ppm Other values (±20ppm ~ ±100ppm)	<input type="checkbox"/> ■ <input type="checkbox"/>	<input type="checkbox"/> ■ <input type="checkbox"/>	3 5 specify
Temperature stability: ±30ppm ±50ppm ±100ppm Other values (±20ppm ~ ±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): 80Ω (9.60 ~ <10.0MHz) 60Ω (10.0 ~ <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-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.
- ◆ Refer to our website for T&R and soldering details.