



Scale 2:1

Features

- ▶ Ultra miniature for maximum space saving
- ▶ Tight specifications available
- ▶ Ceramic & metal package
- ▶ Fundamental mode up to 40.0MHz

Standard Frequencies

Frequencies in MHz	
12.000000	24.000140
12.800000	24.576000
14.318180	25.000000
14.745600	28.224000
15.000000	29.491200
16.000000	30.000000
16.000312	32.000000
16.588800	36.000000
18.432000	40.000000
19.660800	40.320000
20.000000	50.000000
20.275200	56.448000
24.000000	

Specifications

GSX-6B: 4 corner pads

GSX-6C: 4 pads, 2.54mm pitch

Parameters	Variant		Option Codes
	B	C	
Package: GSX-6B GSX-6C	■	■	
Frequency range: 12.0 ~ 40.0MHz (fund) >40.0 ~ 67.0MHz (3rd OT) >67.0 ~ 150MHz (3rd OT) >100 ~ 200MHz (5th OT)	■ ■ ■ ■	■ ■	
Calibration tolerance: ±50ppm ±5ppm ~ ±100ppm	■ □	■ □	specify
Temperature stability: ±50ppm ±3ppm ~ ±100ppm	■ □	■ □	specify
Operating temperature range: -10 to +60°C Other	■ □	■ □	specify
Storage temperature range: -30 to +85°C	■	■	
Circuit condition: 16pF Other values	■ □	■ □	specify
Static capacitance (C₀): 7pF max	■	■	
Equivalent series resistance (max): 60Ω (12.0 ~ <16.0MHz) 40Ω (16.0 ~ 40.0MHz, fund) 70Ω (>40.0 ~ 67.0MHz, 3rd OT) 50Ω (>67.0 ~ 150MHz, 3rd OT) 90Ω (100 ~ 200MHz, 5th OT)	■ ■ ■ ■ ■	■ ■	
Ageing: ±5ppm max first year ±2ppm max first year	■ □		specify
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 + frequency
+ specification (if non-standard)
eg: **GSX-6B 40.0MHz** 50/50/10/16-F (standard)
GSX-6C 16.0MHz 10/3/10/30-F (non-standard)
Option code X (eg GSX-6B/X) denotes a custom specification.

- ◆ Available on T&R - 1k or 2k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Tight specifications and/or frequencies 67.0 ~ 200MHz available in GSX-6B only.