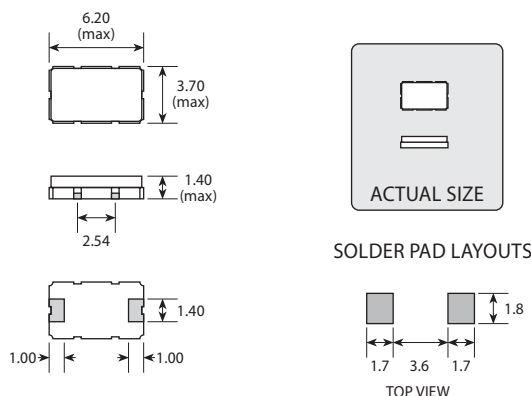
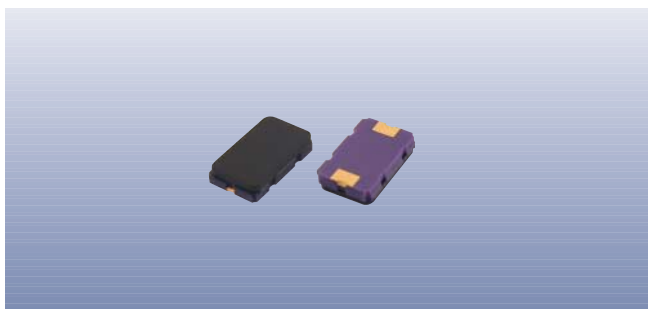




## Specifications

| Parameters                                                                                                                   | Product     | Option Codes |
|------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
|                                                                                                                              | GSX-7A      |              |
| <b>Frequency range:</b><br>12.0 ~ 40.0MHz (fund)<br>40.0 ~ 67.0MHz (3rd OT)                                                  | ■           |              |
| <b>Frequency stability:</b><br>±100ppm inclusive of calibration tolerance                                                    | ■           |              |
| <b>Operating temperature range:</b><br>-10 to +60°C                                                                          | ■           |              |
| <b>Storage temperature range:</b><br>-30 to +85°C                                                                            | ■           |              |
| <b>Circuit condition:</b> 16pF (fund)<br>Series resonant (3rd OT)<br>Other                                                   | ■<br>■<br>□ | specify      |
| <b>Static capacitance (C<sub>0</sub>):</b> 7pF max                                                                           | ■           |              |
| <b>Equivalent series resistance (max):</b><br>60Ω (12.0 ~ <16.0MHz)<br>40Ω (16.0 ~ 40.0MHz)<br>70Ω (>40.0 ~ 67.0MHz, 3rd OT) | ■<br>■<br>■ |              |
| <b>Ageing:</b> ±5ppm max first year                                                                                          | ■           |              |
| <b>Test drive level:</b> 100μW                                                                                               | ■           |              |
| <b>Soldering condition:</b><br>260°C, 10 sec x2 max                                                                          | ■           |              |

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

## Features

- Ultra miniature for maximum space saving
- All ceramic package
- Gold plated terminals
- Fundamental mode available up to 40.0MHz

## Standard Frequencies

| Fundamental in MHz |           |           | 3rd Overtone |
|--------------------|-----------|-----------|--------------|
| 12.000000          | 16.384000 | 29.491200 | 40.32000     |
| 12.288000          | 18.432000 | 30.000000 | 49.15200     |
| 14.318180          | 20.000000 | 32.000000 | 50.00000     |
| 14.745600          | 22.118400 | 36.000000 | 56.44800     |
| 15.000000          | 24.000000 | 40.000000 | 60.00000     |
| 15.360000          | 24.576000 |           |              |
| 16.000000          | 25.000000 |           |              |

## Ordering Information

Product name + frequency + circuit condition (if non-standard)

eg: **GSX-7A 30.0MHz**

Option code X (eg GSX-7A/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.