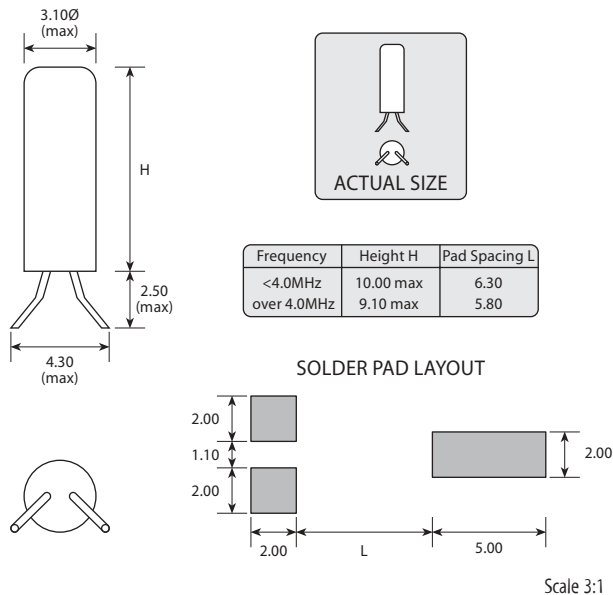
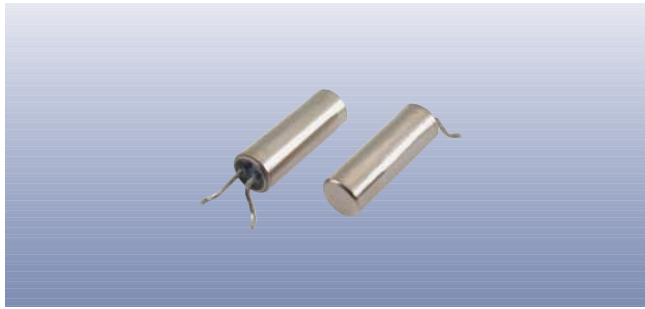




## Features

- Low cost
- Wide frequency range available
- Excellent shock resistance
- Miniature size for high density applications

## Standard Frequencies

| Frequencies in MHz |           |
|--------------------|-----------|
| 3.579545           | 7.372800  |
| 3.686400           | 8.000000  |
| 4.000000           | 10.000000 |
| 4.194304           | 11.059200 |
| 4.433619           | 12.000000 |
| 4.915200           | 16.000000 |
| 6.000000           | 17.734470 |
| 6.144000           | 20.000000 |
| 7.159090           |           |

## Specifications

| Parameters                                                                                                                                                                               | Product<br>GSCX-39         | Option<br>Codes             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|
| <b>Frequency range:</b><br>3.579 ~ 70.0MHz                                                                                                                                               | ■                          |                             |
| <b>Calibration tolerance:</b><br>±30ppm<br>±50ppm<br>Other                                                                                                                               | ■<br>□<br>□                | 3<br>5<br>specify           |
| <b>Temperature stability:</b><br>±30ppm<br>±50ppm<br>Other                                                                                                                               | □<br>■<br>□                | 3<br>5<br>specify           |
| <b>Operating temperature range:</b><br>-10 to +60°C<br>Other                                                                                                                             | ■<br>□                     | 1<br>specify                |
| <b>Operable temperature range:</b><br>-40 to +85°C                                                                                                                                       | ■                          |                             |
| <b>Storage temperature range:</b><br>-55 to +125°C                                                                                                                                       | ■                          |                             |
| <b>Circuit condition:</b> 16pF (<32MHz)<br>Series resonant (32MHz+)<br>20pF<br>30pF<br>Other                                                                                             | ■<br>■<br>□<br>□<br>□      | D<br>S<br>F<br>J<br>specify |
| <b>Oscillation mode:</b><br>Fundamental (<32.0MHz)<br>3rd overtone (32.0MHz+)                                                                                                            | ■<br>■                     | F<br>3                      |
| <b>Static capacitance (C<sub>0</sub>):</b> 5.0pF max                                                                                                                                     | ■                          |                             |
| <b>Equivalent series resistance (max):</b><br>200Ω (3.5 ~ 3.9MHz)<br>150Ω (4.0 ~ 5.9MHz)<br>100Ω (6.0 ~ 9.9MHz)<br>50Ω (10.0 ~ 31.9MHz)<br>100Ω (32.0 ~ 35.9MHz)<br>80Ω (36.0 ~ 70.0MHz) | ■<br>■<br>■<br>■<br>■<br>■ |                             |
| <b>Ageing:</b> ±5ppm max first year                                                                                                                                                      | ■                          |                             |
| <b>Test drive level:</b> 100μW                                                                                                                                                           | ■                          |                             |
| <b>Soldering condition:</b><br>240°C, 10 sec max                                                                                                                                         | ■                          |                             |

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

## Ordering Information

Product name + frequency + option codes  
eg: **GSCX-39/351D 16.0MHz** 30/50/10/16  
Option code X (eg GSCX-39/X) denotes a custom spec.

- Available on T&R - 1k pcs per reel.
- Refer to our website for T&R and soldering details.