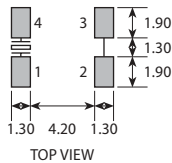


SOLDER PAD LAYOUT



Scale 2:1

## Features

- ▶ Plastic moulded surface mount package
- ▶ Miniature size for high density applications
- ▶ Wide operating temperature range
- ▶ Supplied on tape and reel

## Standard Frequencies

Frequencies in kHz	
32.000000	76.800000
38.000000	77.500000
44.100000	96.000000
75.000000	

## Specifications

Parameters	Product	Option Codes
	GSX-250	
<b>Frequency range:</b> 30.0 ~ 100kHz	■	
<b>Calibration tolerance:</b> ±50ppm ±5 ~ ±100ppm	■ □	specify
<b>Temperature stability:</b> -50ppm (-10 to +60°C) -130ppm (-30 to +80°C)	■ ■	
<b>Operating temperature range:</b> -10 to +60°C Other	■ □	specify
<b>Storage temperature range:</b> -55 to +125°C	■	
<b>Turnover temperature (T<sub>0</sub>):</b> +25°C ±5°C	■	
<b>Frequency / temp coefficient:</b> -0.034 ±0.006ppm/°C <sup>2</sup> typ	■	
<b>Circuit condition:</b> 12.5pF Other values	■ □	specify
<b>Static capacitance (C<sub>0</sub>):</b> 0.8 ~ 1.7pF typ	■	
<b>Motional capacitance (C<sub>1</sub>):</b> 1.0 ~ 4.0fF typ	■	
<b>Equivalent series resistance (max):</b> 50kΩ	■	
<b>Ageing:</b> ±5ppm max first year	■	
<b>Drive level:</b> 1.0μW typ	■	
<b>Shock resistance:</b> ±5ppm	■	
<b>Soldering conditions:</b> 240°C, 10sec max	■	

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

## Ordering Information

Product name + option codes (if any) + frequency

eg: **GSX-250 32.0kHz**

**GSX-250 76.80kHz ±20ppm**

Option code X (eg GSX-250/X) denotes a custom specification.

Supplied on T&R - 3k pcs per reel.