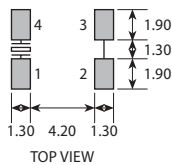






SOLDER PAD LAYOUT



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 | |
| Frequency range: 30.0 ~ 100kHz | ■ | |
| Calibration tolerance: ±50ppm ±5 ~ ±100ppm | ■ □ | specify |
| Temperature stability: -50ppm (-10 to +60°C) -130ppm (-30 to +80°C) | ■ ■ | |
| Operating temperature range: -10 to +60°C Other | ■ □ | specify |
| Storage temperature range: -55 to +125°C | ■ | |
| Turnover temperature (T₀): +25°C ±5°C | ■ | |
| Frequency / temp coefficient: -0.034 ±0.006ppm/°C ² typ | ■ | |
| Circuit condition: 12.5pF Other values | ■ □ | specify |
| Static capacitance (C₀): 0.8 ~ 1.7pF typ | ■ | |
| Motional capacitance (C₁): 1.0 ~ 4.0fF typ | ■ | |
| Equivalent series resistance (max): 50kΩ | ■ | |
| Ageing: ±5ppm max first year | ■ | |
| Drive level: 1.0μW typ | ■ | |
| Shock resistance: ±5ppm | ■ | |
| Soldering conditions: 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.