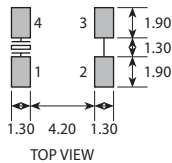






SOLDER PAD LAYOUT



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.