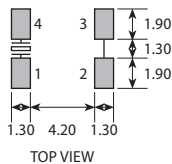


SOLDER PAD LAYOUT



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 (T_0):	+25°C ±5°C	■
Frequency / temp coefficient:	-0.034 ±0.006ppm/°C ² typ	■
Circuit condition:	12.5pF Other values	■ □ specify
Static capacitance (C_0):	0.8 ~ 1.7pF typ	■
Motional capacitance (C_1):	1.0 ~ 4.0fF typ	■
Equivalent series resistance (max):	50kΩ	■
Ageing:	±5ppm max first year	■
Drive level:	1.0μW typ	■
Shock resistance:	±5ppm max	■
Soldering conditions:	260°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.