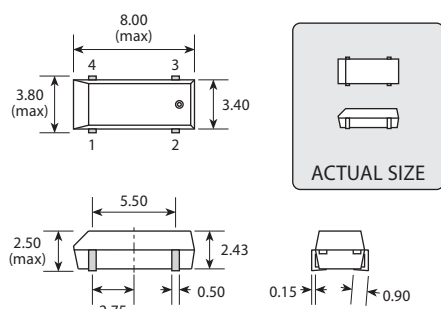
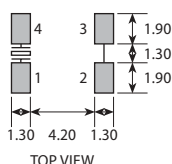




SOLDER PAD LAYOUT



TOP VIEW

Scale 2:1

Features

- ▢▢▢▢ **Plastic moulded surface mount package**
- ▢▢▢▢ **Miniature size for high density applications**
- ▢▢▢▢ **Wide operating temperature range**
- ▢▢▢▢ **6pF version for Dallas RTC**
- ▢▢▢▢ **Supplied on tape and reel**

Specifications

Parameters	Product	Option Codes
	GSX-200	
Frequency: 32.768kHz	■	
Calibration tolerance: ±20ppm ±5 ~ ±100ppm	■ □	specify
Temperature stability: -50ppm (-10 to +60°C) -130ppm (-30 to +80°C)	■ ■	
Operating temperature range: -40 to +85°C	■	
Storage temperature range: -55 to +125°C	■	
Turnover temperature (T₀): +25°C ±5°C	■	
Frequency / temp coefficient: -0.038ppm/°C ² typ	■	
Circuit condition: 12.5pF 6pF	■ □	D
Static capacitance (C₀): 1.35pF typ	■	
Motional capacitance (C₁): 3.0fF typ	■	
Equivalent series resistance (max): 50kΩ	■	
Ageing: ±3ppm 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)

eg: **GSX-200**

GSX-200 ±10ppm

GSX-200/D ±20ppm 6pF

Option code X (eg GSX-200/X) denotes a custom specification.

- ◆ Available on T&R - 3k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Also available at frequencies from 30.0 ~ 100kHz