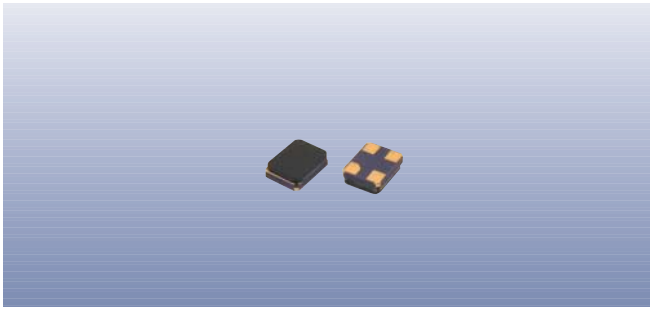
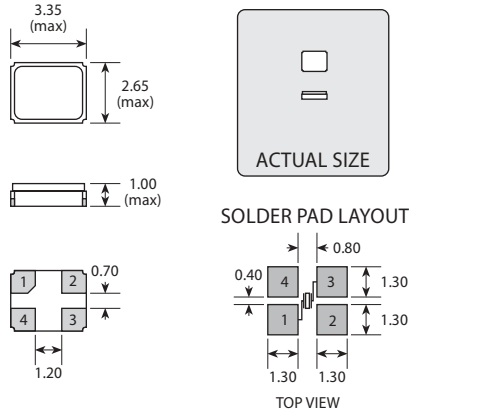
SM Crystal

GSX-13





Scale 3:1

Features

- **Ceramic SM package**
- **Fundamental mode up to 50.0MHz**
- **Low cost for volume applications**
- **Suitable for hand held applications**

Standard Frequencies

Fundamental in MHz	
20.000000	32.000000
24.000000	40.000000
25.000000	50.000000
30.000000	

Specifications

Parameters	Product GSX-13	Option Codes
Frequency range: 20.0 ~ 50.0MHz	■	
Calibration tolerance: ±30ppm	□	3
±50ppm	■	5
Other values	□	specify
Temperature stability: ±30ppm	□	3
±50ppm	■	5
±100ppm	□	C
Other values (±20ppm ~ ±100ppm)	□	specify
Operating temperature range:		
-10 to +60°C	■	1
-20 to +70°C	□	2
Other values	□	specify
Storage temperature range:		
-30 to +85°C	■	
Circuit condition: 16pF	■	D
18pF	□	E
20pF	□	F
30pF	□	J
Static capacitance (C_0): 7pF max	■	
Oscillation mode: Fundamental	■	
Equivalent series resistance:		
90Ω max	■	
Ageing: ±5ppm max first year	■	
Test drive level: 100µW	■	
Soldering condition:		
260°C, 10 sec x2 max	■	

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

Ordering Information

Product name + option codes + frequency

eg: **GSX-13/551D 30.0MHz** 50/50/10/16-F (standard)

GSX-13/5C2J 40.0MHz 50/100/20/30-F (standard)

Option code X (eg GSX-13/X) denotes a custom specification.

- Available on T&R - 3k pcs per reel.
- Refer to our website for T&R and soldering details.

Tel: **+44 1460 256 100** Fax: **+44 1460 256 101** E-mail: **sales@golledge.com** Web: **www.golledge.com**

Golledge

05 Feb 2002