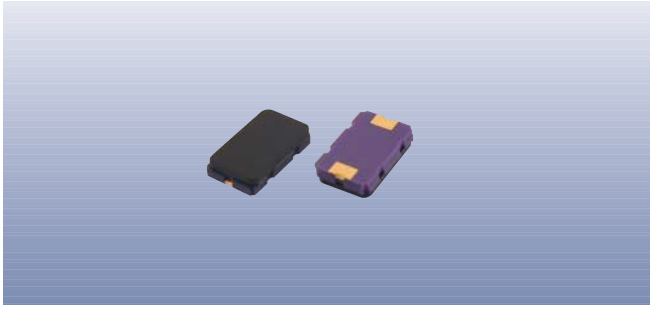
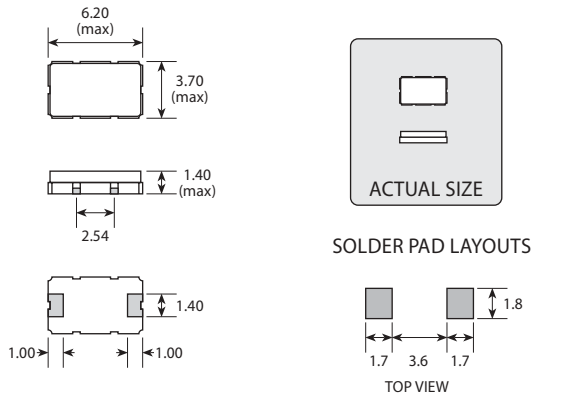
SM Crystal

GSX-7A





Scale 2:1

Features

- **Ultra miniature for maximum space saving**
- **All ceramic package**
- **Gold plated terminals**
- **Fundamental mode available up to 40.0MHz**

Standard Frequencies

Fundamental in MHz			3rd Overtone
12.000000	16.384000	29.491200	40.32000
12.288000	18.432000	30.000000	49.15200
14.318180	20.000000	32.000000	50.00000
14.745600	22.118400	36.000000	56.44800
15.000000	24.000000	40.000000	60.00000
15.360000	24.576000		
16.000000	25.000000		

Specifications

Parameters	Product GSX-7A	Option Codes
Frequency range:		
12.0 ~ 40.0MHz (fund)	■	
40.0 ~ 67.0MHz (3rd OT)	■	
Frequency stability: ±100ppm inclusive of calibration tolerance	■	
Operating temperature range: -10 to +60°C	■	
Storage temperature range: -30 to +85°C	■	
Circuit condition: 16pF (fund)	■	
Series resonant (3rd OT)	■	
Other	□	specify
Static capacitance (C_0): 7pF max	■	
Equivalent series resistance (max):		
60Ω (12.0 ~ <16.0MHz)	■	
40Ω (16.0 ~ 40.0MHz)	■	
70Ω (>40.0 ~ 67.0MHz, 3rd OT)	■	
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 + frequency + circuit condition (if non-standard)
eg: **GSX-7A 30.0MHz**
Option code X (eg GSX-7A/X) denotes a custom specification.

- Available on T&R - 1k or 2k 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**

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