

GSX-11

Low Frequency SM Crystal with Low Height

- Ideal for low height, low frequency projects
- Wide frequency range



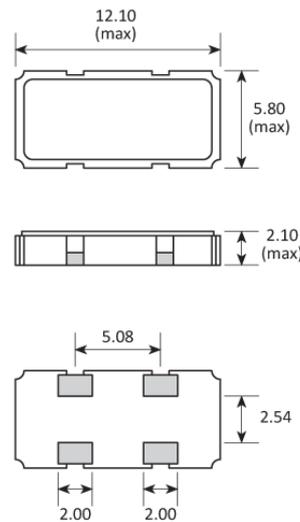
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Calibration tolerance	
Any	
±30ppm	3
±50ppm	5
Temperature stability	
±30ppm	3
Circuit condition	
12pF	B
Oscillation mode	
Fundamental (3.2 ~ 26.9MHz)	F
3rd overtone (27.0 ~ 70.0MHz)	3

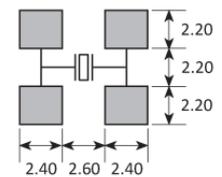
SPECIFICATIONS

Frequency range	3.20 ~ 70.0MHz
Dimensions	12.1 x 5.8 x 2.1mm
Operating temperature range	-10 to +60°C
Operable temperature range	-30 to +85°C
Static capacitance (C ₀)	7pF max
Equivalent series resistance	200Ω max (3.2 ~ 3.9MHz)
	120Ω max (4.0 ~ 4.9MHz)
	80Ω max (5.0 ~ 5.9MHz)
	60Ω max (6.0 ~ 7.9MHz)
	45Ω max (8.0 ~ 11.9MHz)
	35Ω max (12.0 ~ 14.9MHz)
	30Ω max (15.0 ~ 26.9MHz)
	100Ω (27.0 ~ 70.0MHz, 3rd OT)
Ageing	±5ppm max first year
Test drive level	100μW
Soldering condition	260°C, 10 sec x2 max

PACKAGE DRAWING



SOLDER PAD LAYOUT



TOP VIEW
Dimensions in mm

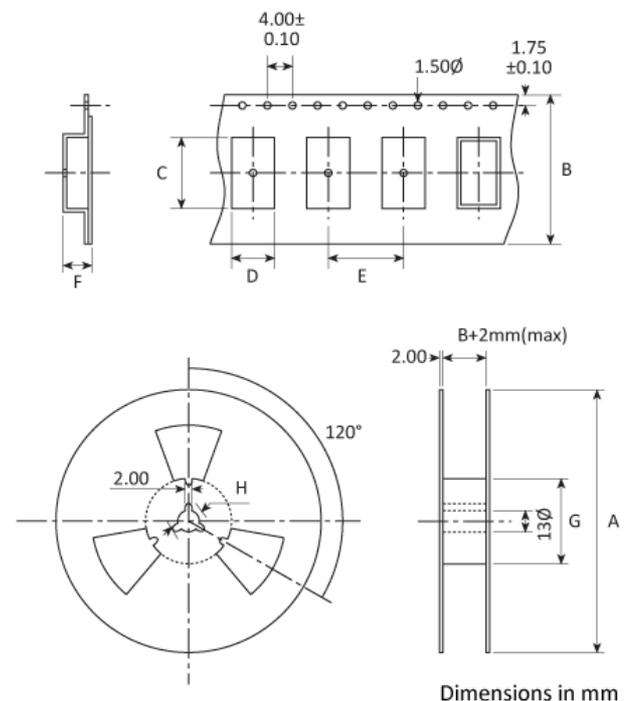
ORDERING INFORMATION

To request a quotation for the GSX-11 please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at sales@golledge.com.

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

TAPE & REEL SPECIFICATION



Dimensions in mm

A:250 B:24 C:12.2 D:5.9 E:12 F:2.5 G:80 H:21

HANDLING & STORAGE



Human Body Model (HBM) 1A (250V to <500V)



Moisture Sensitivity Level (MSL): 1 (or not applicable)

CONSTRUCTION

Ceramic base and lid

COMPLIANCE



Lead-free (< 0.1% by weight)

RoHS compliant with no exemptions. [See our declaration](#)REACH compliant. [See our statement](#)Free of conflict minerals. [See our declaration](#)Free of Halogens. [See our declaration](#)Free of Ozone-depleting substances. [See our declaration](#)