GSX-8A

Two Pad SM Crystal with Miniature Ceramic Package

- Ceramic SM package
- Fundamental mode up to 67.0MHz
- Low cost for volume applications
- Suitable for hand held applications

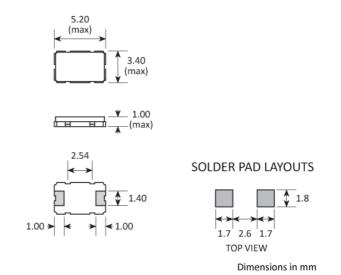


CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Calibration tolerance	
Any	
±20ppm	2
±30ppm	3
±50ppm	5
Temperature stability	
Any	
±20ppm	2
±30ppm	3
±50ppm	5
Operating temperature range	
Any	
-10 to +60°C	1
-20 to +70°C	2
-30 to +80°C	3
-40 to +85°C	4
Circuit condition	
Any	
10pF	А
12pF	В
16pF	D
18pF	Е
20pF	F
30pF	J

SPECIFICATIONS

Frequency range	8.0 ~ 67.0MHz
Dimensions	5.0 x 3.2 x 1.0mm
Storage temperature range	-40 to +85°C
Static capacitance (C ₀)	7pF max
Equivalent series resistance	300Ω max (8.0 ~ 8.9MHz)
	200Ω max (9.0 ~ 9.9MHz)
	80Ω max (10.0 ~ 11.9MHz)
	60Ω max (12.0 ~ 15.9MHz)
	40Ω max (16.0 ~ 67.0MHz)
Ageing	±5ppm max first year
Drive level	100μW
Soldering condition	260°C, 10 sec x2 max

PACKAGE DRAWING



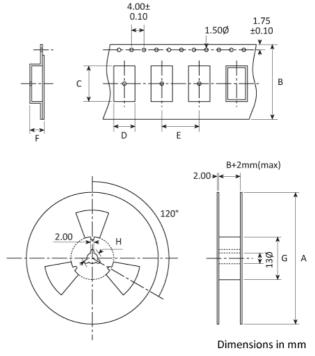
ORDERING INFORMATION

To request a quotation for the GSX-8A 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



A:250 B:12 C:5.4 D:3.6 E:8 F:1.4 G:80 H:21

TECHP®INT Golledge

HANDLING & STORAGE

CONSTRUCTION



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

Ceramic base and lid



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

COMPLIANCE



Lead-free (< 0.1% by weight)



 $\label{lem:RoHS} \mbox{RoHS compliant with no exemptions.}$

declaration



REACH compliant.



Free of conflict minerals.



Free of Halogens.



Free of Ozone-depleting substances.

declaration