

GSX-333

SM Crystal for Bluetooth / Wireless

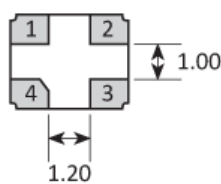
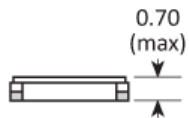
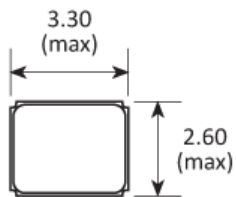
- Metal lid can be grounded to minimise EMI
- Seam sealed for excellent long-term stability
- Ultra-miniature for maximum space saving
- Ideal for Bluetooth / Wireless applications



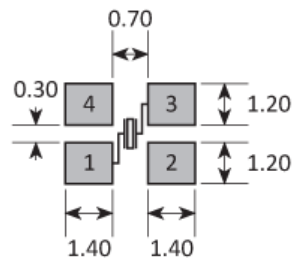
CONFIGURABLE OPTIONS

Parameter	Option Code
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PACKAGE DRAWING



SOLDER PAD LAYOUT



TOP VIEW

PAD	CONNECTION
1	Crystal
2	Ground & lid
3	Crystal
4	Ground & lid

NOTE: Chamfer normally on pad 4, but may alternatively be supplied on pad 1.

Dimensions in mm

ORDERING INFORMATION

To request a quotation for the GSX-333 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.

MARKING

FREQUENCY
T DC A

Marking type: Laser
A = Optional factory mark

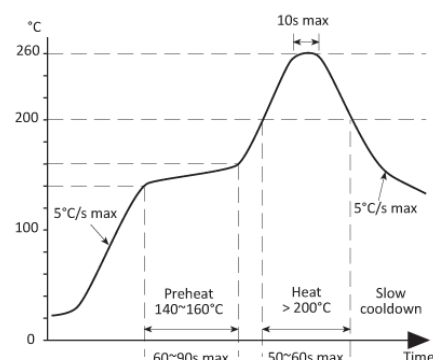
DC = Date code in YW

Year	2013	2014	2015	2016
	2017	2018	2019	2020
Code	Z	z	⌒	⌒

Week codes:
A ~ Z: weeks 1 to 26
a ~ z: weeks 27 to 52

Example: "zC" = 2018 week 3

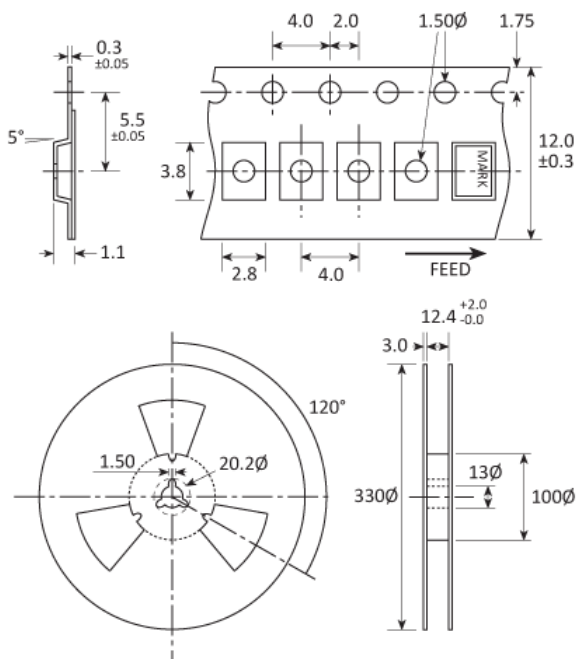
SOLDERING PROFILE



Solderability limits:

260°C max x 10sec max x 2 max

TAPE & REEL SPECIFICATION



Dimensions in mm

CONSTRUCTION

Ceramic body with gold-plated pads Metal lid, seam sealed

HANDLING & STORAGE



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



Moisture Sensitivity Level (MSL): 1

COMPLIANCE



Lead-free (< 0.1% by weight)



RoHS compliant with no exemptions.



Nominal Net Mass: 19mg

OTHER INFORMATION

About Golledge

We are the UK's leading supplier of frequency control products and are proud to serve the global electronics industry. Our philosophy is a focus firmly on your requirements by striving to meet and exceed your needs. We do this by ensuring the utmost quality and consistency in our products and services. If you have any queries about the Golledge service or any of our products please get in touch, we'd love to hear from you.

Come and visit

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Our customer feedback is testament to our quality; "Never had such good service as this from anyone in 35 years of being in the industry, this is impressive and has really helped us out of a corner to keep the design flowing" Andy (Senior Design Engineer), "As always your support is state of the art" Nicoleta (Material Management), "Legendary work - as usual it has to be said" John (Operations).

To take advantage of our highly praised service get in touch with us today.