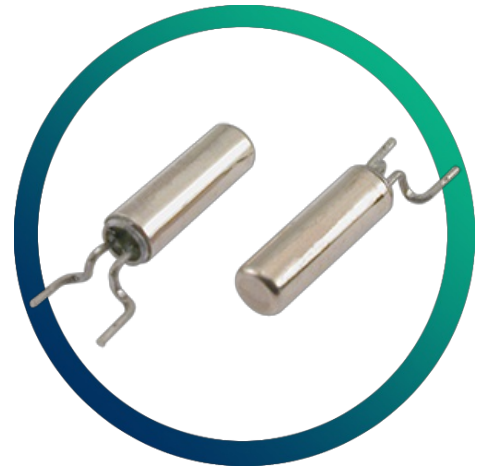


# GSCX-26

## SM Low Frequency Formed Lead Cylindrical Crystal



- Low cost
- Formed leads for SM
- Industrial temperature range
- Miniature size for high density applications

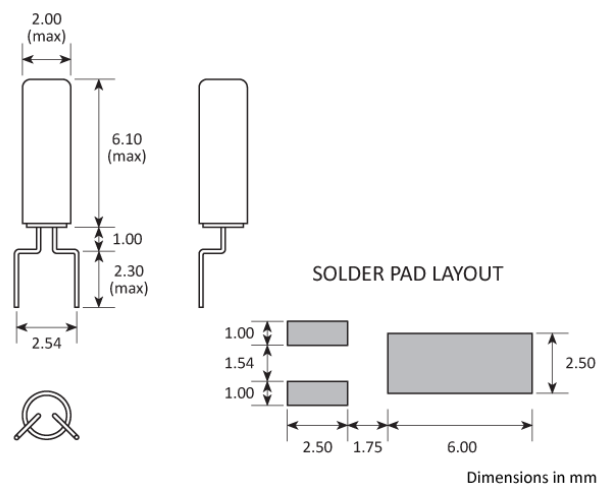
### CONFIGURABLE OPTIONS

| Parameter             | Option Code |
|-----------------------|-------------|
| Frequency             |             |
| Calibration tolerance |             |
| ±30ppm                |             |
| Circuit condition     |             |
| 12.5pF                |             |

### SPECIFICATIONS

|  |                                      |
|--|--------------------------------------|
| Frequency range                        | 30.0 ~ 165kHz                        |
| Dimensions                             | ∅2.0 x 6.1mm                         |
| Operating temperature range            | -40 to +85°C                         |
| Storage temperature range              | -55 to +125°C                        |
| Turnover temperature (T <sub>0</sub> ) | +25°C ±5°C                           |
| Frequency / temp coefficient           | -0.034 ±0.006ppm/°C <sup>2</sup> typ |
| Static capacitance (C <sub>0</sub> )   | 0.8 ~ 1.7pF                          |
| Motional capacitance (C <sub>1</sub> ) | 1 ~ 4fF typ                          |
| Equivalent series resistance (max)     | 30 ~ 50kΩ                            |
| Ageing                                 | ±5ppm max first year                 |
| Drive level                            | 1.0μW max                            |
| Soldering condition                    | 240°C, 10 sec max                    |

### PACKAGE DRAWING



## ORDERING INFORMATION

To request a quotation for the GSCX-26 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](mailto: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.

## CONSTRUCTION

Press seal cylinder

## HANDLING & STORAGE



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



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

## MATERIAL COMPOSITION



Lead-free (< 0.1% by weight )



RoHS 2 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](#)

## 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.

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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.