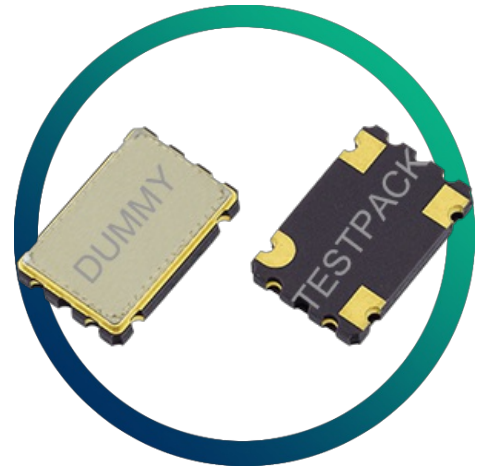


# GXO-U119G

**1.8V~3.3V 3.2x2.5mm Osc**

- Enable / disable tristate function
- Miniature ceramic package with metal lid
- Competitive pricing



## CONFIGURABLE OPTIONS

| Parameter                   | Option Code |
|-----------------------------|-------------|
| Frequency                   |             |
| Frequency stability         |             |
| Any                         |             |
| ±100ppm                     |             |
| ±50ppm                      | B           |
| ±25ppm                      | A           |
| Operating temperature range |             |
| Any                         |             |
| -10 to +70 °C               |             |
| -40 to +85 °C               | I           |

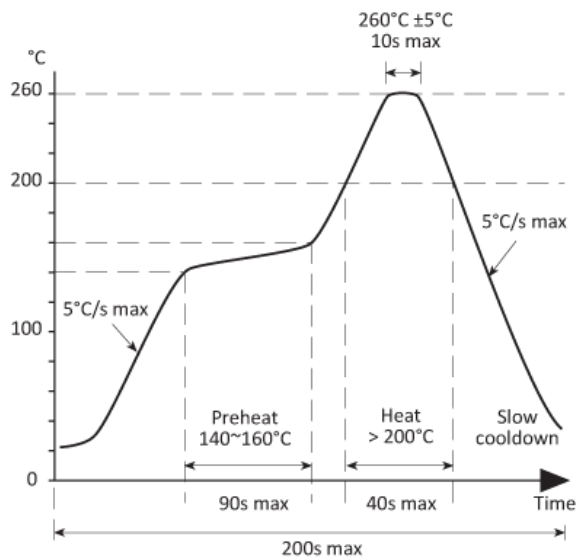
## SPECIFICATIONS

|                                   |                                                                          |
|-----------------------------------|--------------------------------------------------------------------------|
| Frequency range                   | 1.8 ~ 133.0MHz                                                           |
| Storage temperature range         | -55 to +125 °C                                                           |
| Supply voltage (V <sub>DD</sub> ) | +1.8V (±5%)                                                              |
| Supply current                    | 1.8 ~ 50.0MHz : 7mA max<br>50.0 ~ 133MHz : 20mA max                      |
| Logic levels                      | '0' level = 20%V <sub>DD</sub> max<br>'1' level = 80%V <sub>DD</sub> min |
| Start up time                     | 10ms max                                                                 |
| Waveform symmetry                 | 40:60 max @ 50%V <sub>DD</sub>                                           |
| Driving ability                   | 15pF HCMOS                                                               |
| Rise / fall time                  | 5ns max (1.8~32.1MHz)<br>3.5ns max (32.1~133MHz)                         |
| Enable / disable function         | Tristate (control via pad 1)                                             |

## PACKAGE DRAWING



## SOLDERING PROFILE



## TAPE & REEL SPECIFICATION



## HANDLING & STORAGE



Product is RoHS 2 compliant



[REACH Compliance Statement](#)



text and link to Conflict Minerals pdf statement



Text and link to Halogen Free pdf statement



Text and link to Ozone depletion statement pdf



Text and link to Ozone depletion statement pdf



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



Moisture Sensitivity Level (MSL): 1

## OTHER INFORMATION

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### 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.