



Scale 3:1

## Features

- ▶ **Low cost**
- ▶ **Range of tolerances**
- ▶ **Excellent ageing characteristics**
- ▶ **Miniature size for high density applications**
- ▶ **Large stocks of popular models**

## Specifications

**GWX-38: 3.1 x 8.2mm cylindrical package**

**GWX-26: 2.1 x 6.2mm cylindrical package**

**GWX-15: 1.5 x 5.1mm cylindrical package**

Parameters	Variant			Option Codes
	38	26	15	
<b>Package:</b> 3.1 x 8.2mm cylinder 2.1 x 6.2mm cylinder 1.5 x 5.1mm cylinder	■	■	■	
<b>Frequency:</b> 32.768kHz	■	■	■	
<b>Calibration tolerance:</b> ±20ppm ±15ppm ±10ppm ±5ppm	■ □ □ □	■ □ □ □	■ □ □ □	A D E
<b>Operating temperature range:</b> -10 to +60°C -40 to +85°C	■ □	■ □	■ □	I
<b>Turnover temperature (T<sub>0</sub>):</b> +25°C ±5°C	■	■	■	
<b>Frequency / temp coefficient:</b> -0.038ppm/°C <sup>2</sup> typ	■	■	■	
<b>Circuit condition:</b> 12.5pF 8.0pF 6.0pF Other values	■ □ □ □	■ □ □ □	□ ■ □ □	specify specify
<b>Static capacitance (C<sub>0</sub>):</b> 1.6pF typ 1.35pF typ 1.0pF typ	■	■	■	
<b>Equivalent series resistance (max):</b> 35kΩ 40kΩ 70kΩ (option I) 80kΩ (option I)	■ □ □ □	■ □ □ □	■ □ □ □	
<b>Ageing (first year):</b> ±1ppm typ, ±3ppm max	■	■	■	
<b>Drive level:</b> 1.0μW max	■	■	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

## Ordering Information

Product name + variant + option codes (if any)  
+ circuit condition (if non-standard)

eg: **GWX-38** ±20ppm (standard)

**GWX-26/A 8.0pF** ±15ppm 8.0pF

Option code X (eg GWX-38/X) denotes a custom specification.

This datasheet has been downloaded from:

[www.DatasheetCatalog.com](http://www.DatasheetCatalog.com)

Datasheets for electronic components.