



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	
Package: 3.1 x 8.2mm cylinder 2.1 x 6.2mm cylinder 1.5 x 5.1mm cylinder	■	■	■	
Frequency: 32.768kHz	■	■	■	
Calibration tolerance: ±20ppm ±15ppm ±10ppm ±5ppm	■ □ □ □	■ □ □ □	■ □ □ □	B A D E
Operating temperature range: -10 to +60C -40 to +85C	■ □	■ □	■ □	I
Turnover temperature (T₀): +25 C ± 5 C	■	■	■	
Frequency / temp coefficient: -0.038ppm/C ² typ	■	■	■	
Circuit condition: 12.5pF 8.0pF 6.0pF Other values	■ □ □ □	■ □ □ □	□ ■ □ □	specify specify
Static capacitance (C₀): 1.6pF typ 1.35pF typ 1.0pF typ	■	■	■	
Equivalent series resistance (max): 35kΩ 40kΩ 70kΩ (option I) 80kΩ (option I)	■ □ □ □	■ □ □ □	■ □ □ □	
Ageing (first year): ±1ppm typ, ±3ppm max	■	■	■	
Drive level: 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.

♦ **IMPORTANT:** GWX-38 production will cease Oct 2007. Do not use GWX-38 for new designs. Use GWX-26 in preference.