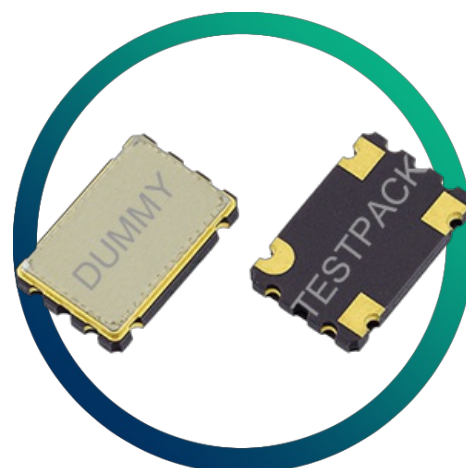


CC5V-T1A

SM Watch Crystal -55+125°C

- High shock & vibration resistance
- Military temperature range -55+125°C option
- Low power consumption



CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
32.768kHz	
Calibration tolerance	
±20ppm	
Operating temperature range	
Any	
-40 to +85°C	
-55 to +125°C	M
Circuit condition	
Any	
7pF	
9pF	
12.5pF	

SPECIFICATIONS

Frequency range	32.768kHz (standard) 32.0 ~ 100kHz
Dimensions	4.1 x 1.5 x 0.9mm
Terminations	Gold plated pads Gold plated pads
Storage temperature range	-55 to +125 °C
Static capacitance (C ₀)	1.4pF typ
Motional capacitance (C ₁)	2.1fF typ
Equivalent series resistance	60kΩ typ, 80kΩ max @ 25 °C
Ageing	±3ppm max first year
Drive level	1.0μW max
Turnover temperature (T ₀)	+25 °C ±5 °C
Frequency / temp coefficient	-0.035ppm/°C ² ±10%
Shock resistance	±5ppm, 5,000g, 0.3ms, ½ sine
Vibration resistance	±5ppm, 20g, 10.0 ~ 2,000Hz
Soldering condition	Reflow, 260 °C, 20 sec max

PACKAGE DRAWING



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



Moisture Sensitivity Level (MSL): 1

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.