

SWG622 SERIES

6.3mm x 2.5mm GULL-WING SMT WATCH CRYSTAL



PART NUMBERING GUIDE

RoHS Compliant

Reflow Capable

Tape and Reel

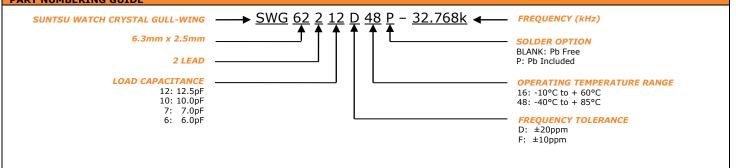
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±20ppm (Tolerance) Available

Gull-Wing Leads for SMD Type



APPLICATIONS

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Real Time Clock

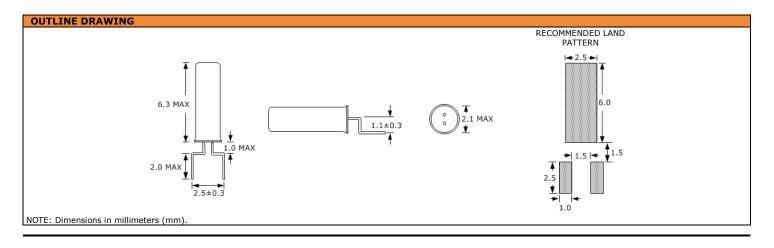
Measurement Instruments

Wireless Applications

Cage Code: 4GUT4

To customize your parameters contact a Suntsu representative.

ELECTRICAL PARAMETERS	UNITS	MIN.	TYP.	MAX.	REMARKS
Frequency	kHz		32.768		
Frequency Tolerance at +25°C	ppm	-20		+20	See part numbering guide for options.
Frequency Stability vs. Aging	ppm	-3		+3	First year @ +25°C.
Frequency Coefficient (B)	ppm/T ²	-0.040	-0.034	-0.028	
Operating Temperature	٥C	-40		+85	See part numbering guide for options.
Turnover Temperature	٥C	+20	+25	+30	
Storage Temperature	٥C	-55		+125	
Load Capacitance	pF	6		12.5	See part numbering guide for options.
Shunt Capacitance	pF		1.5		
Drive Level	μW			1	
Insulation Resistance	MΩ	500			$@ 100V_{DC} \pm 15V.$
Equivalent Series Resistance	kΩ			50	



SUNTSU ROHS

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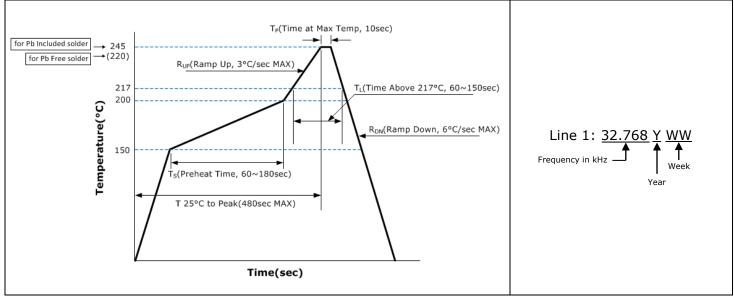
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MARKING

ENVIRONMENTAL & MECHANICAL SPECIFICATIONS

Temperature Cycling	MIL-STD-883, Method 1010, Condition B
Fine Leak Test	MIL-STD-883, Method 1014, Condition A
Gross Leak Test	MIL-STD-883, Method 1014, Condition C
Mechanical Shock	MIL-STD-202, Method 213, Condition B
Vibration	MIL-STD-883, Method 2007, Condition A
Moisture Resistance	MIL-STD-883, Method 1004
Moisture Sensitivity	Hermetically Sealed, MSL=N/A: Not Applicable
Resistance to Soldering Heat	MIL-STD-202, Method 210, Condition B
Resistance to Solvents	MIL-STD-202, Method 215
Solderability	MIL-STD-883, Method 2003

REFLOW PROFILE



TAPE AND REEL DIMENSIONS

3,000pcs/reel

4.0±0.1 17.5±0.2 7.5±0.1 Φ1.5 С 16.0±0.3 Φ330±1.0 Φ100.0 Φ21.0±0.5 2.2±0.5 8.0±0.1 Φ13.0±0.5 2.15±0.1 21.0 MAX NOTE: Dimensions in millimeters (mm); drawing is not to scale