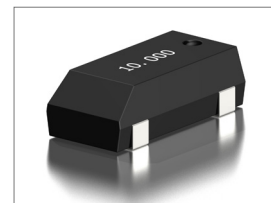


Features

- ± 10 ppm (Tolerance) Available
- Plastic SMD Type
- Tape and Reel

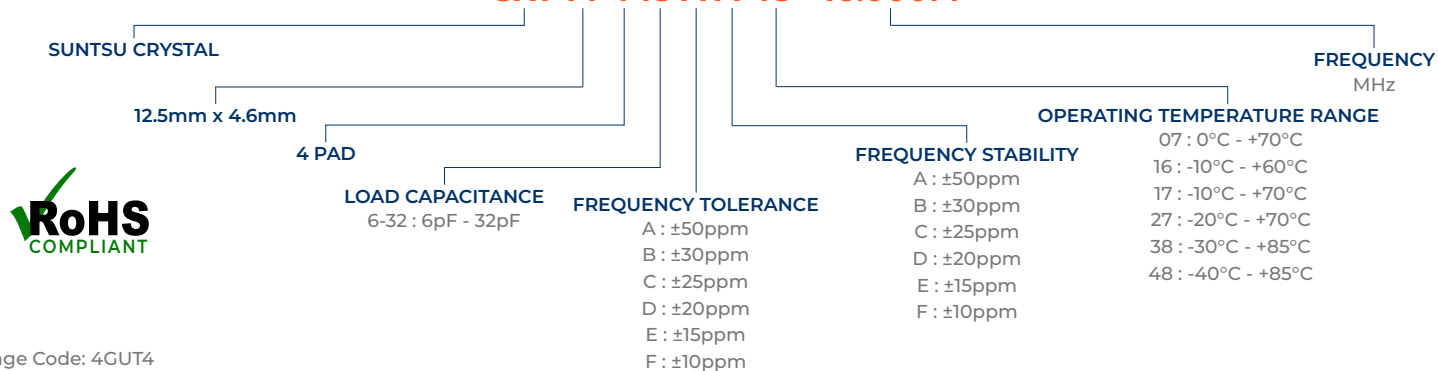
Applications

- Measurement instruments
- Wireless Applications



Part Numbering Guide

SXT 14 4 18 A A 48 - 16.000M



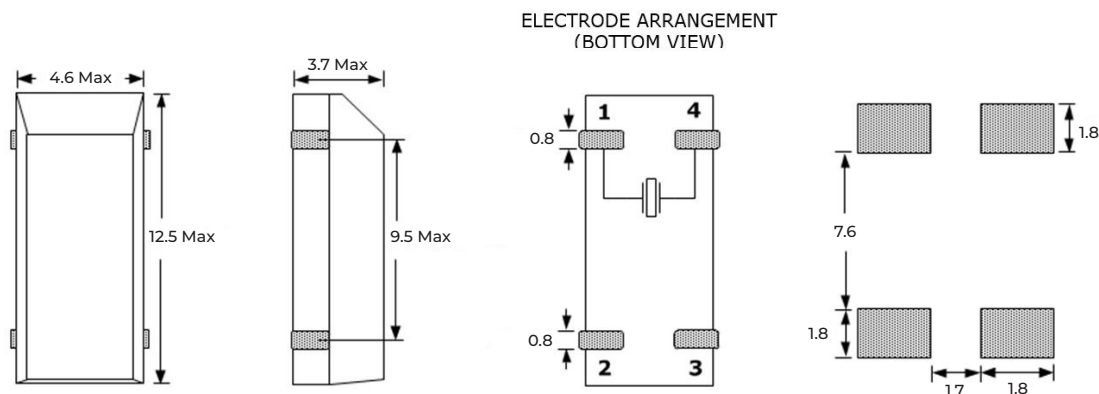
Cage Code: 4GUT4

To customize your parameters contact a Suntsu representative.

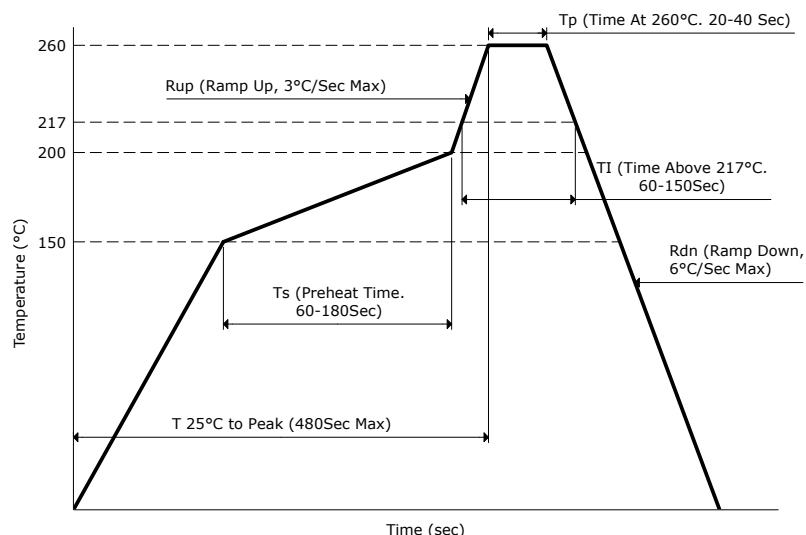
Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Range	MHz	7.3728		27	
Frequency Tolerance at +25°C	ppm	-10		10	See part numbering guide for options.
Frequency Stability vs. Op Temp	ppm	-10		10	See part numbering guide for options.
Frequency Stability vs. Aging	ppm	-5		5	First year @ +25°C.
Operating Temperature	°C	-40		85	See part numbering guide for options.
Storage Temperature	°C	-55		125	
Load Capacitance	pF	6	12.5	32	See part numbering guide for options.
Shunt Capacitance	pF			5	
Drive Level	μ W		100		
Insulation Resistance	M Ω	500			@ 100VDC $\pm$ 15V.
ESR - 7.3728MHz ~ 9.999MHz	Ω			100	Fundamental
ESR - 10.000MHz ~ 27.000MHz	Ω			50	Fundamental

Outline Drawing & Recommended Land Pattern

All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.



Reflow Profile & Part Marking



Frequency In MHz

Line 1 : $\overline{\text{X X . X X X}}$

-or-

Frequency In MHz

Line 1 : $\overline{\text{X X . X X X}}$

Line 2 : $\overline{\text{S F Y W W}}$

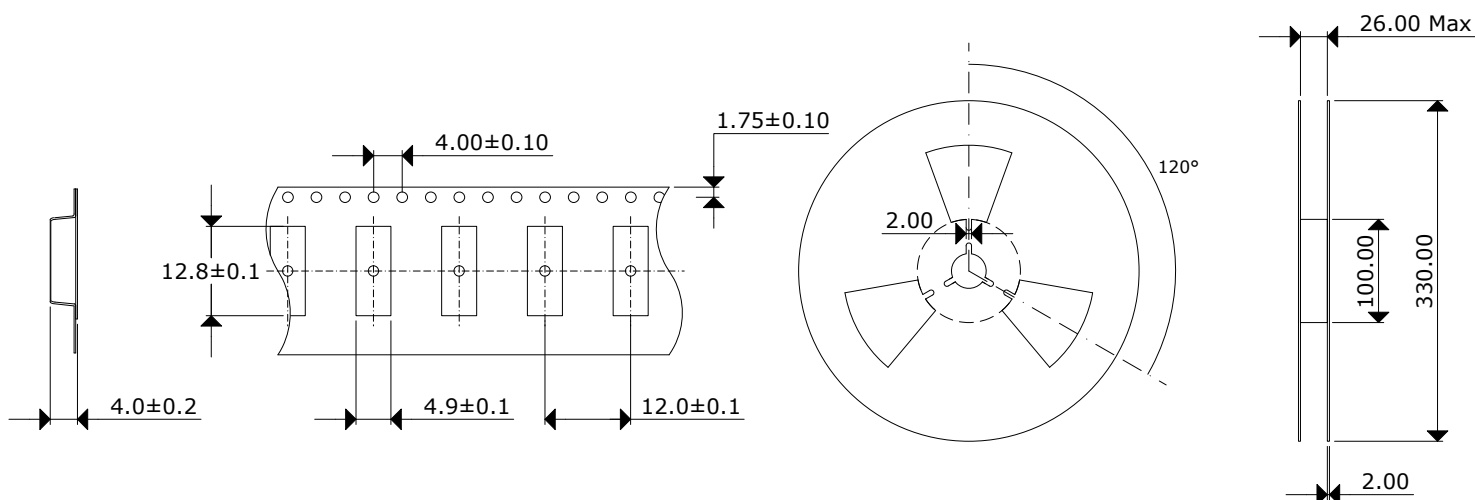
Suntsu
Manufacturing Identifier

Week
Year

Tape And Reel Dimensions

All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.

2,000pcs / Reel



Environmental 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
Moisture Resistance	MIL-STD-883, Method 1004
Moisture Sensitivity	J-STD-020, MSL 1

Mechanical Specifications

Mechanical Shock	MIL-STD-202, Method 213, Condition B
Vibration	MIL-STD-883, Method 2007, Condition A
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