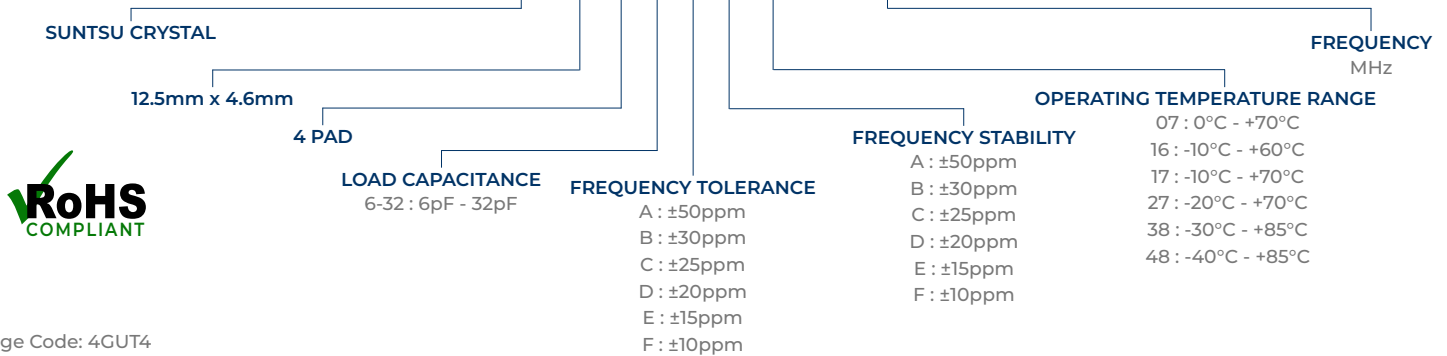


Features

- ±10ppm (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


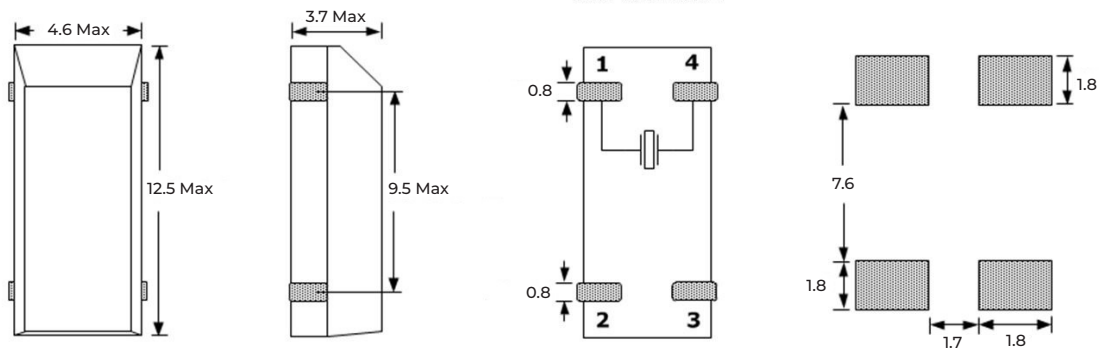
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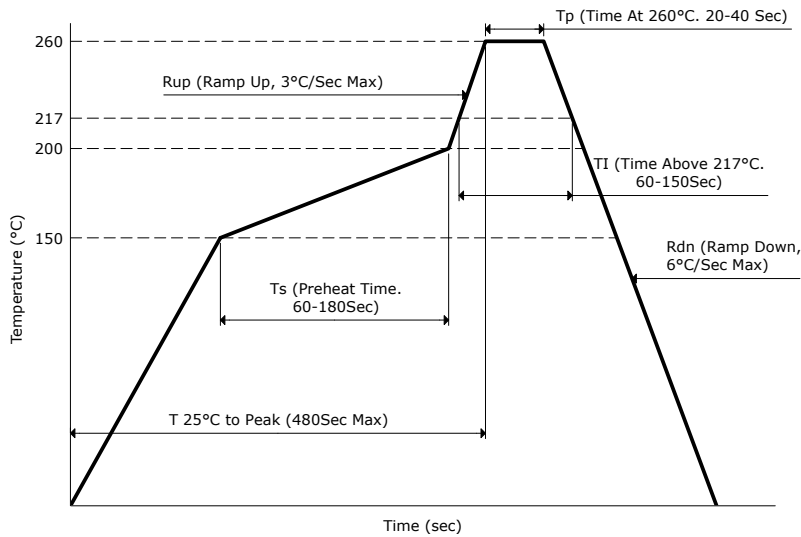
To customize your parameters contact a Suntsu representative.

Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Range	MHz	3.579		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	µW		100		
Insulation Resistance	MΩ	500			@ 100VDC ± 15V.
ESR -	3.500MHz ~ 3.999MHz			200	Fundamental
	4.000MHz ~ 5.999MHz			150	Fundamental
	6.000MHz ~ 9.999MHz			100	Fundamental
	10.000MHz ~ 27.000MHz			50	Fundamental

Outline Drawing & Recommended Land Pattern

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

ELECTRODE ARRANGEMENT (BOTTOM VIEW)


Reflow Profile & Part Marking


Frequency In MHz

Line 1 : $\frac{\text{xx} \cdot \text{xxx}}$

-or-

Frequency In MHz

Line 1 : X X . X X X

Line 2 : S F Y W W

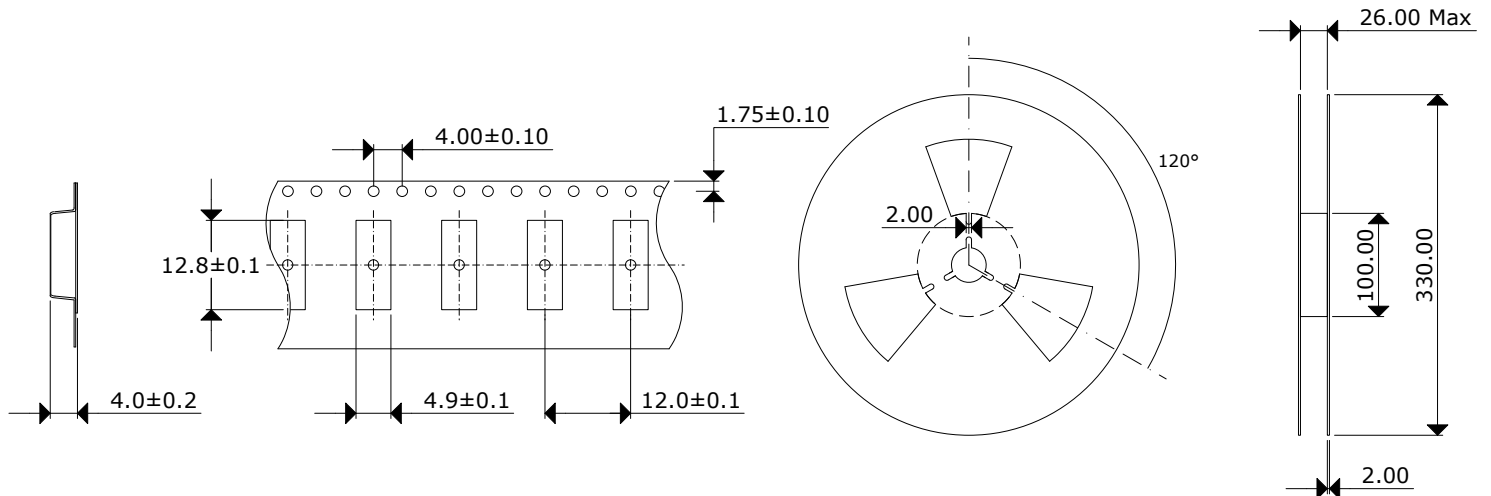
Suntsu
Manufacturing
Identifier

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

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Specifications are subject to change without notice.

Suntsu Electronics, Inc.

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