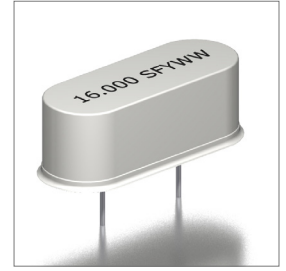


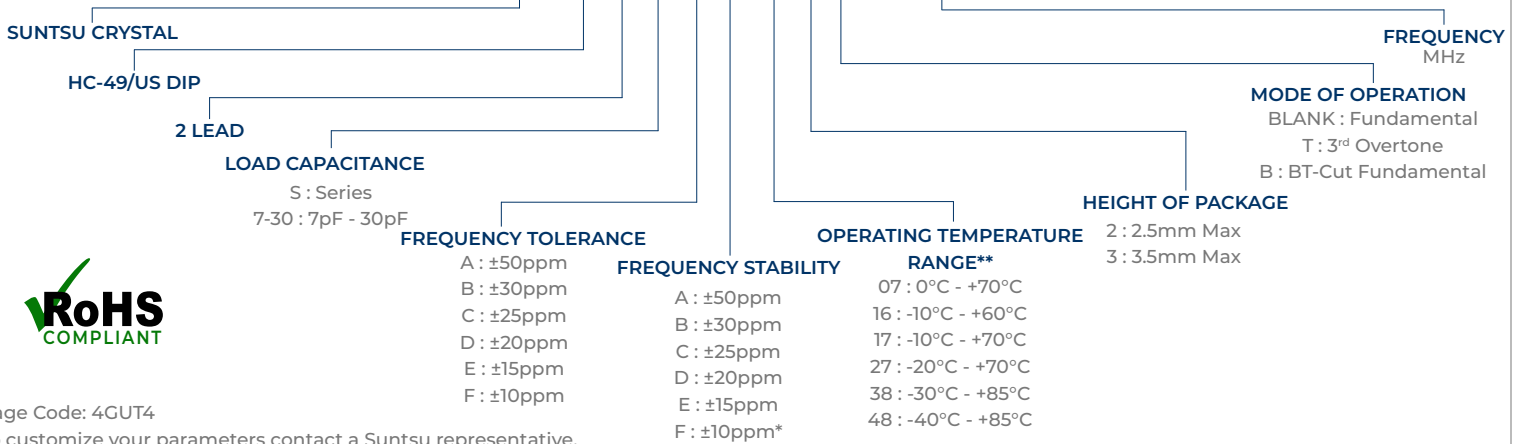
Features
<ul style="list-style-type: none"> ±10ppm/±10ppm (Tolerance/Stability) Available RESISTANCE WELD AT-Cut or BT-Cut Bulk Packing

Applications
<ul style="list-style-type: none"> Microprocessors Computers Modems Wireless Applications



Part Numbering Guide

SXT HS 2 18 A A 48 3 T - 16.000M



Cage Code: 4GUT4

To customize your parameters contact a Suntsu representative.

* For frequency stability option F contact a Suntsu representative. ** For operating temperatures of -55-125°C a Suntsu representative.

Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Range	MHz	3		40	AT-Cut Fundamental
Frequency Range	MHz	20		50	BT-Cut Fundamental
Frequency Range	MHz	24		90	3rd Overtone
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	-3		+3	First year @ +25°C.
Operating Temperature	°C	-40		+85	See part numbering guide for options.
Storage Temperature	°C	-40		+125	
Load Capacitance	pF	7		30	See part numbering guide for options.
Shunt Capacitance	pF			7	
Drive Level	µW		100	500	
Insulation Resistance	MΩ	500			@ 100VDC ± 15V.
3.000MHz ~ 4.999MHz	Ω			180	AT-Cut Fundamental
5.000MHz ~ 5.999MHz	Ω			120	AT-Cut Fundamental
6.000MHz ~ 7.999MHz	Ω			100	AT-Cut Fundamental
8.000MHz ~ 8.999MHz	Ω			80	AT-Cut Fundamental
ESR - 9.000MHz ~ 19.999MHz	Ω			60	AT-Cut Fundamental
20.000MHz ~ 40.000MHz	Ω			30	AT-Cut Fundamental
20.000MHz ~ 50.000MHz	Ω			40	BT-Cut Fundamental
24.000MHz ~ 39.999MHz	Ω			100	3rd Overtone
40.000MHz ~ 90.000MHz	Ω			80	3rd Overtone

