# **SaRonix**

**Quartz Crystal** 

#### HC-49/U





## **Quartz Crystal**

HC-49/U

## Technical Data

## HC-49/U (NMP / NYP) Series

### **Package Details**



Marking Format (exact location of items may vary)

Products with custom frequency, calibration, stability, temp: Line 1: SaRonix

Line 2: Frequency (up to 9 digits, including decimal point) Line 3: Calib/Stability/Temp Code - Load Capacitance (marked "S" for Series Resonance) Line 4: Date Code: YYWW



Products with common frequency and standard specifications: Line 1: SaRonix

Line 2: Frequency (up to 9 digits, including decimal point) Line 3: NMP (for Series) or NYP (for Parallel), Frequency Code - Load Capacitance (marked "S" for Series Resonance)

Line 4:	Date	Code:	YYWW
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Common Frequencies								
Common frequency codes:								
to be used only with $\pm 30$ ppm	calibration,	$\pm 50 pp$						

±30ppm	calib	ration,	±50ppm	stability	over	-20	to	+70°C
Freque	ency	Frequ	ency	Maximum	ESR			
МН	z	Co	de	(Fundame	ental)			
1.8432	200	018	3A	700				
2.0000	000	020	)A	500				
2.0974	125	021	A	500				
2.4576	500	024	A	300				
3.0000	000	030	)A	200				
3.2768	300	032	2A	150				
3.5795	545	035	δA	150				
3.6000	000	036	6	150				
3.6864	100	037	7	120				
3.9321	60	039	<i>)</i>	120				
4.0000	000	040	)	100				
4.0960	204	040	)9 I	100				
4.1943	510	041	1	80				
4.4330	200	044	) +	55				
5 0000	000	050	, )	50				
5.0688	300	051	, I	50				
5.1850	000	0.52	2	50				
5.7143	300	057	7	50				
6.0000	000	060	)	50				
6.1440	000	061	l	40				
6.5536	500	065	5	40				
7.0000	000	070	)	40				
7.1590	)90	071	l	40				
7.3728	300	073	3	40				
8.0000	000	080	)	35				
8.1920	000	081	l	35				
9.2160	100	092	2	35				
9.8304	100	100	, ,	30				
10.7386	535	100	, 7	30				
11.0000	000	110	, )	30				
11.0592	200	111	- 	30				
12.0000	000	120	)	30				
12.2880	000	122	2	30				
14.3181	180	143	3	25				
14.7456	500	147	7	25				
15.0000	000	150	)	25				
16.0000	000	160	)	25				
16.3840	000	163	3	25				
18.0000	000	180	)	20				
18.4320	200	184	+	20				
19.0008	00	190	)	20				
20.0000	100	200	, I	20				
24 0000	000	240	)	20				
24.5760	000	245	5	40 (3	rd OT)			
25.0000	000	250	)	40 (3	rd OT)			
27.0000	000	270	)	40 (3	rd OT)			
28.6363	360	286	6	40 (3	rd OT)			
30.0000	000	300	)	25				
32.0000	000	320	)	40 (3	rd OT)			
36.0000	000	360	)	40 (3	rd OT)			
40.0000	000	400	)	40 (3	rd OT)			
48.0000	000	480	)	40 (3	rd OT)			

All specifications are subject to change without notice.

DS-121 REV D04