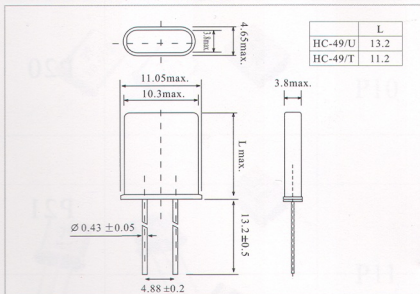
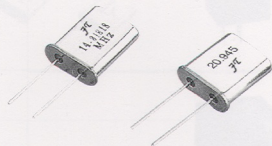


HC-49U/HC-49T DIP TYPE

DIMENSIONS (mm) 外形尺寸



	L
HC-49U	13.2
HC-49T	11.2

PART NUMBER GUIDE 部件号示例 e.g.FTX14.318M20U (*U=HC-49U T=HC-49T)

	Quartz crystal resonator 石英晶体谐振器	Frequency 频率(14.318MHz)	Load Capacitance 负载电容	*Package Type 盒形
FT	X	14.318M	20	U

1.PARAMETERS (技术参数)

Parameter	参数	Specification 规格
Frequency Range	频率范围 (MHz)	1.8--100MHz
Operation Mode	振动模式	See table 2 见表2
Load capacitance C_L	负载电容 (pF)	20 pF Std. 8 to 50PF Series available
Frequency Tolerance F_L	调整频差 (ppm)	± 30 ppm@25°C Std. (± 5 -- ± 100 ppm available)
Temperature Tolerance T_L	温度频差 (ppm)	± 50 ppm Std. (See Table 3 见表3)
Operating Temperature T_O	工作温度 (°C)	-20 to +70°C Std. (See table 3 见表3)
Storage Temperature T_S	储存温度 (°C)	-55 to +125°C
Motional Resistance R_s	谐振电阻 (Ω)	See table 2 见表2
Shunt Capacitance C_0	静态电容 (pF)	7pF max
Drive Level D_L	激励电平 (mW)	0.05--1mW
Insulation Resistance I_k	绝缘电阻 ($M\Omega$)	500/(Dc100 \pm 10V) min
Aging@25°C	老化率 (ppm/y)	± 5 ppm max

All specifications subject change without notice

规格变化, 恕不另行通知

2. OPERATION MODE AND RS 振动模式与谐振电阻

FREQUENCY	TYPE	MODE	HC-49T (Ω max)	HC-49U (Ω max)
1.8--2.0MHz		FUND		600
2.0--2.4MHz		FUND		450
2.4--3.0MHz		FUND		350
3.0--3.5MHz		FUND		150
3.5--4.0MHz		FUND	150	90
4.0--7.0MHz		FUND	90	70
7.0--10MHz		FUND	50	50
10--15MHz		FUND	45	35
15--20MHz		FUND	25	25
20--25MHz		FUND/3 rd OVERTONE	25/60	25/50
25--30MHz		FUND/3 rd OVERTONE	25/40	25/40
30--75MHz		3 rd OVERTONE	40	40
75--100MHz		3 rd /5 th OVERTONE	-/60	-/60
27--35MHz		BT FUND	40	40

3. FREQUENCY--TEMPERATURE TOLERANCE 温度频差

- Recommended 推荐使用
- available 可用

Cutting 切型	Temp range	Tolerance(ppm)					
		± 5	± 10	± 15	± 20	± 30	± 50
AT	0--+50°C	○	○	○	○	○	○
	-10--+60°C		○	○	○	○	○
	-20--+70°C			○	○	●	○
	-30--+80°C				○	○	●
BT	Within a range of ± 80 -- ± 120 PPM						
	BT 切温度频差一般为 ± 80 -- ± 120 PPM						