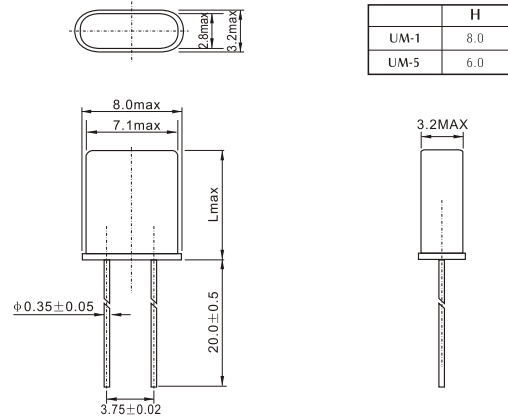
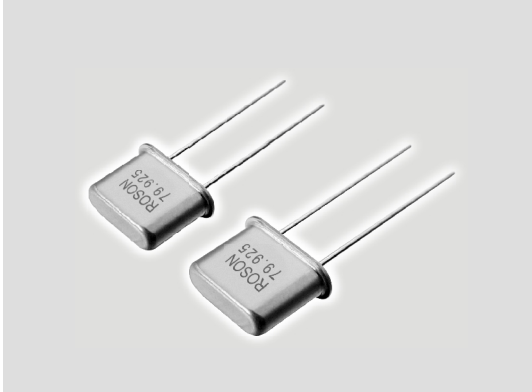


**UM-1/UM-5**

 外形尺寸 · **DIMENSIONS(mm)**

**技术参数 · PARAMETERS**

参 数	PARAMETER	SPECIFICATION
频率范围	Frequency Range (MHz)	8.0~200.0MHz
振动模式	Operation Mode	See Table 2
负载电容	Load Capacitance CL (PF)	20PF Std. 8 to 50PF Series available
调整频差	Frequency Tolerance FL (ppm)	±10ppm Std. ±5~±20ppm available
温度频差	Temperature Tolerance TL (ppm)	±10ppm Std. (See Table 3)
工作温度	Operating Temperature To (°C)	-20°C to+70°C Std. (See Table 3)
存储温度	Storage Temperature ST (°C)	-55°C to +85°C
谐振温度	Motional Resistance Rs (Ω)	See Table 2
静态电容	Shunt Capacitance Co (pF)	5.0PF max
激励功率	Drive Level DL (μW)	100 μW std. 0.01~500 μW available
绝缘电阻	Insulation Resistance IR (MΩ)	500MΩ (DC100±10V)Min
老化率	Aging (ppm/y)	±3ppmMax

TABLE 1

 振动模式与谐振电阻 · **OPERATION MODE AND RS**

 温度频差 · **FREQUENCY--TEMPERATURE TOLERANCE**

FREQUENCY	TYPE	MODE	UM-1 (Ω MAX)	UM-5 (Ω MAX)
10~15MHz		FUND	50	
15~20MHz		FUND	50	50
20~25MHz		FUND/3 <sup>rd</sup> Overtone	45	45
25~30MHz		FUND/3 <sup>rd</sup> Overtone	35	35
30~75MHz		3 <sup>rd</sup> /5 <sup>th</sup> Overtone	30	30
75~100MHz		3 <sup>rd</sup> /5 <sup>th</sup> Overtone	30/60	30/60
100~125MHz		5 <sup>th</sup> Overtone	60	60

TABLE 2

● RECOMMENDED 推荐使用      ○ AVAILABLE 可用

CUTTING	TEMP. RANGE	TOLERANCE(ppm)				
		±5.0	±10	±15	±20	±30
AT	0~+50°C	○	○	○		
	-10~+60°C	●	●	○	○	
	-20~+70°C	●	●	○	○	○
	-30~+80°C		○	○	○	○
	-40~+85°C				○	○

TABLE 3