

UM-1/UM-5石英晶体谐振器

Features

- 属于高精度工业用晶振
- 优越的频率稳定性
- 优越的频率再现性和耐撞击性
- 密封袋包装



Specifications

项目Item	标记Symbol	技术Specifications	备注Remarks
频率范围Freq. Range	F	6.000MHz to 40.000MHz	基频模式Fund mode
调整频差Freq. Tol.	$\Delta f/f$	$\pm 10\text{PPm}$	泛音模式Overtone mode
负载电容Load Capacitance	CL	5pf to ∞	公差Tight Tolerance Available
温度频差Temp Tol	$\Delta f/f$	$\pm 30\text{PPm}$	明确注释please specify
温度范围Temp Range	工作温度Operaing Temp 储存温度Storage Temp	ToPR TsTG	公差Tight Tolerance Available
激励功率Drive Level	最大值Max, drive level 建议使用Rec, drive level	MDL RDL	-20°C to 70°C
静电容 Shunt Capacitance	Co	7pF Max	-55°C to 125°C
绝缘电阻 Insulation Resistance	LR	500m Ω Min	可依实际而定Others are offered
老化率Aging	ΔFa	$\pm 3\text{PPm/Year Max}$	

Resonance Resistance

盒型Type	频率范围Freq. Range	模式Mode	谐振电阻	盒型Type	频率范围	模式Mode	谐振电阻
um-1	6~16MHz	F	25	UM-5	11~19MHz	F	25
um-1	16~35MHz	F	15	UM-5	20~35MHz	F	15
um-1	35~95MHz	3rd	30	UM-5	35~95MHz	3rd	35
um-1	95~150MHz	5rd	65	UM-5	95~150MHz	5rd	70

Tolerance over Temperature Range

温度范围Temp	$\pm 2.5\text{PPm}$	$\pm 3\text{PPm}$	$\pm 5\text{PPm}$	$\pm 7\text{PPm}$	$\pm 10\text{PPm}$	$\pm 15\text{PPm}$
$0^{\circ}\text{C} \sim \pm 50^{\circ}\text{C}$	Δ	Δ	Δ	Δ	Δ	Δ
$-10^{\circ}\text{C} \sim \pm 60^{\circ}\text{C}$		Δ	Δ	Δ	Δ	Δ
$-20^{\circ}\text{C} \sim \pm 70^{\circ}\text{C}$			Δ	Δ	Δ	Δ

Dimensions

