

UM-5 Crystal

Part Number Guide

T-M-FF.FFFM-LC-FTFS-OT-ESR-B-G-S

T (Type型号): B=UM-5 Crystal, 2 Leads.

B2=UM-5 Crystal, 3 Leads.

M (Mode of Operation振荡模式): F=Fundamental T=Third Overtone, etc

F (Frequency标称频率): Normal - 5 digitals of Frequency, e.g. 12,000M

Special - All digitals of Frequency, e.g. 13.225625M

LC (Load Capacitance负载电容): 20=20pf 00=series, etc

FT (Frequency Tolerance调整频差): 30=±30 ppm, etc

FS (Frequency Stability温度频差): 50=±50 ppm, etc

OT (Operating Temperature工作温度): 1060=-10°C to +60°C 4085=-40°C to +85°C, etc

ESR (Equivalent Series Resistance等效阻抗)

B (Bulk Pack散装) OR TR (Tape and Reel编带)

G (Gull Wing夹持器)

S (Special Requirement特殊要求)



Pb Free

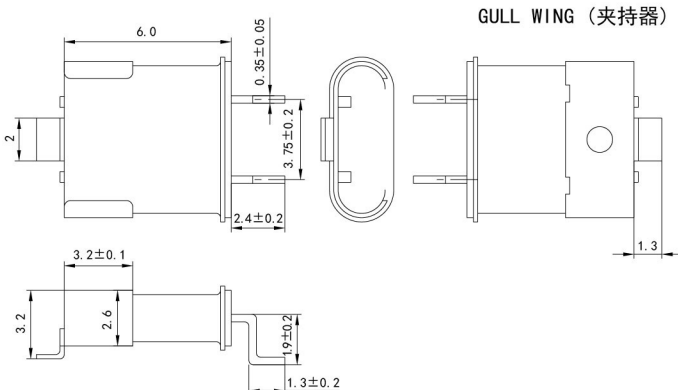
RoHS Compliant
Directive 2002/95/EC

Electrical Specifications 电气参数

型号	Holder Type	UM - 5
频率范围	Frequency Range	8,000MHz to 120,00MHz
调整频差	Frequency Tolerance (△F) (at25°C)	±10ppm to ±100ppm
温度频差	Frequency Stability	±10ppm to ±100ppm
工作温度范围	Operating Temperature Range	-10°C ~ +60°C to -40°C ~ +85°C
储存温度范围	Storage Temperature Range	-40°C ~ +85°C / -45°C ~ +125°C
老化	Aging (25°C)	±5ppm/year Maximum
静电容	Shunt Capacitance (C0)	7pF Maximum
激励功率	Drive Level	100µW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C 100V
负载电容	Load Capacitance (CL)	Suggested by customer

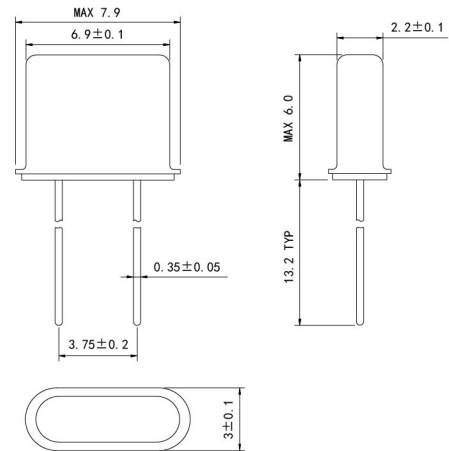
Equivalent Series Resistance and Mode of Operation 等效阻抗和振荡模式

Frequency Range 频率范围	ESR (Ω) 等效阻抗	Mode 振荡模式
8,000 - 10,000MHz	50Max	Fundamental
10,000 - 20,000MHz	30Max	Fundamental
20,000 - 50,000MHz	25Max	Fundamental
40,000 - 120,00MHz	60Max	Third Overtone



Mechanical Dimensions 外型尺寸

TWO LEADS (两引线) UNIT (单位): mm (毫米)



THREE LEADS (三引线) UNIT (单位): mm (毫米)

