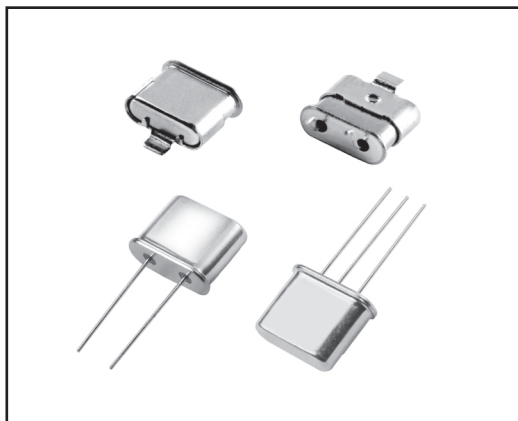


UM-5 Crystal



Part Number Guide

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)

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

FT (Frequency Tolerance 调整频差): 30=+/-30 PPM, etc

FD (Frequency Drift 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)

Electrical Specifications 电气参数

型号	Holder Type	UM - 5
频率范围	Frequency Range	10.000 to 100 MHz
调整频差	Frequency Tolerance (ΔF) (at 25°C)	± 10 ppm to ± 100 ppm
温度频差	Frequency Drift	± 10 ppm to ± 100 ppm
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)	± 5 ppm/ year Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	100uW 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
10.000 to 13.999 MHz	50Max	基频 Fundamental
14.000 to 19.999 MHz	40Max	基频 Fundamental
≥ 20.000	30Max	基频 Fundamental
24.000 to 34.999 MHz	100Max	三次泛音 Third Overtone
35.000 to 100.000 MHz	80Max	三次泛音 Third Overtone

Mechanical Dimensions 外型尺寸

