

4.7x12.5 TUNING FORK(SMD)

Part Number Guide

T-FF.FFFM-LC-FTFS-OT-ESR-TR-S

T (Type 型号): HB=4.7x12.5 Tuning Fork(SMD)

F (Frequency 标称频率): 5 digits of Frequency, e.g. 3,500M, 70,000M

LC (Load Capacitance 负载电容): 20~20pF 00-series, etc

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

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

OT (Operating Temperature 工作温度): 1050: -10°C to +60°C 4055: -40°C to +85°C, etc

ESR (Equivalent Series Resistance 等效阻抗)

TR (Tape and Reel 编带)

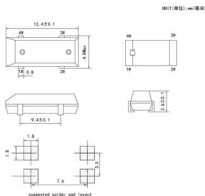
S (Special Requirement 特殊要求)



Electrical Specifications 电气参数

型号	Holder Type	Tuning Fork 4.7 x 12.5(SMD)
频率范围	Frequency Range	3,500MHz to 70,000MHz
调整频率	Frequency Tolerance (ΔF) (at 25°C)	±10ppm to ±100ppm
温度频率	Frequency Stability	±10ppm to ±100ppm
工作温度范围	Operating Temperature Range	-10°C ~ +60°C to -40°C ~ +85°C
老化	Aging (at 25°C)	±5ppm/year Maximum
保存温度范围	Storage Temperature Range	-40°C to +85°C
静电容	Shunt Capacitance (CO)	5pF Maximum
激励功率	Drive Level	100µW Maximum
绝缘阻抗	Insulation Resistance (Ri)	500 Megohms Minimum at D.C. 100V
负载电容	Load Capacitance (CL)	Suggested by customer

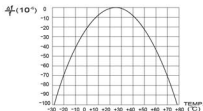
Mechanical Dimensions 外型尺寸



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
3,500 ~ 4,000MHz	150Max	Fundamental
4,000 ~ 6,000MHz	120Max	Fundamental
6,000 ~ 10,000MHz	80Max	Fundamental
10,000 ~ 27,000MHz	50Max	Fundamental
27,000 ~ 36,000MHz	30Max	Fundamental
27,000 ~ 36,000MHz	100Max	Third Overtone
36,000 ~ 70,000MHz	80Max	Third Overtone

Frequency vs. Temperature Curve 频率温度曲线



Reflow Condition 回流焊条件

