

# 3x8 TUNING FORK(MHZ)

## Part Number Guide

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

T (Type 型号): W-3x8 Tuning Fork

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

F (Frequency 标称频率): Normal - 5 digits of Frequency, e.g. 4.0000M, 12.000M

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

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): 1060--10°C to +60°C 4085--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 308(MHZ)
频率范围	Frequency Range	4,000MHz to 70,000MHz
调整精度	Frequency Tolerance ( $\Delta F$ ) (at 25°C)	±10ppm to ±100ppm
温度精度	Frequency Stability	±10ppm to ±100ppm
工作温度范围	Operating Temperature Range	-10°C to +60°C to -40°C to +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)	5.0pF Maximum
激励功率	Drive Level	100 $\mu$ W Maximum
绝缘阻抗	Insulation Resistance (Rs)	500 Megohms Minimum at D.C 100V
负载电容	Load Capacitance (CL)	Suggested by customer

## Mechanical Dimensions 外型尺寸

UNIT: (mm) (英寸)

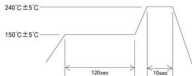


## Equivalent Series Resistance and Mode of Operation

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
4,000-6,000MHz	120Max	Fundamental
6,000-10,000MHz	80Max	Fundamental
10,000-27,000MHz	50Max	Fundamental
27,000-36,000MHz	100Max	Third Overtone
36,000MHz-70,000MHz	80Max	Third Overtone

## Reflow Condition 回流焊条件



CYCLE TIME: 200sec Max.