

# 1.6x1.2 SMD Crystal

## Part Number Guide

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

T (Type 型号): KD=1.6x1.2 SMD 4pads

M (Mode of Operation 振荡模式): F-Fundamental

F (Frequency 标称频率): Normal - 5 digitals of Frequency, e.g. 26.000M

Special - All digitals of Frequency, e.g. 28.63636M

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): 1050-10°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)



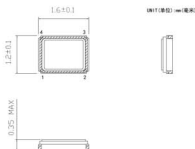
Pb Free

RoHS Compliant  
Directive 2002/95/EC

## Electrical Specifications 电气参数

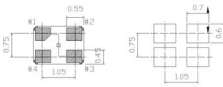
型号	Holder Type	1.6x1.2mm Ceramic Surface Mount
频率范围	Frequency Range	26,000MHz to 60,000MHz
调整频差	Frequency Tolerance ( $\Delta F$ ) (at 25°C)	±10ppm to ±100ppm
温度频差	Frequency Stability	±10ppm to ±100ppm
工作温度范围	Operating Temperature Range	-10°C ~ +60°C to -40°C ~ +85°C
储存温度范围	Storage Temperature Range	-40°C to +85°C
老化	Aging (25°C)	±5ppm/year Maximum
静电容	Shunt Capacitance(C0)	7pF Maximum
驱动功率	Drive Level	10µW Typical
绝缘阻抗	Insulation Resistance(Ri)	500 Megohms Minimum at D.C100V
负载电容	Load Capacitance(CL)	Suggest 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
26,000-32,000MHz	200Max	Fundamental
32,000-38,000MHz	150Max	Fundamental
38,000-60,000MHz	100Max	Fundamental



suggested solder pad layout

Note: #3, #4 is connected with a cover.  
(Please consult with a DRG or a power supply)

## Reflow Condition 回流焊条件

