

1.6x1.2 SMD Crystal

Part Number Guide

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

T (Type 型号): KD=1.6×1.2 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

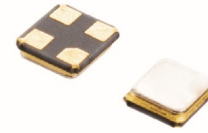
LC (Load Capacitance 负载电容): 20=20pf 00=series, etc

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): 1060=-10°C to +60°C 4085=-40°C to +85°C, etc

ESR (Equivalent Series Resistance 等效阻抗)



Pb Free

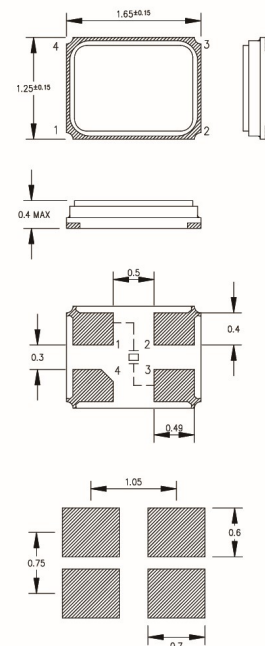
RoHS Compliant
 Directive 2002/95/EC

Electrical Specifications 电气参数

Item 项目	Spec 规格	Condition 条件
Frequency Range 频率范围	24MHz~54MHz	For further questions regarding specifications, please feel free to contact us. 对于超出标准的规格, 请联系我们
Operating Temperature 工作温度	-40~85°C, -55~125°C	
Drive Level 激励功率	100 μw max	It is recommended to use 1 μw~100 μw 推荐 1 μw~100 μw
Load Capacitance 负载电容	5pF~∞	For further questions regarding specifications, please feel free to contact us. 对于超出标准的规格, 请联系我们
Frequency Tolerance 调整频差	±30ppm Standard (±10~±50ppm Available)	
Frequency Stability 温度频差	±30ppm@-40~85°C ±50ppm@-55~125°C	
Aging 老化率	±3ppm, F0<30MHz ±5ppm, F0≥30MHz	
Storage Temperature 储存温度	-55~125°C	
ESR 等效阻抗 (Ω)	24MHz ≤ F0 < 32MHz	150 Ω
	32MHz ≤ F0 < 40MHz	100 Ω
	40MHz ≤ F0 < 54MHz	80 Ω

Mechanical Dimensions 外型尺寸

UNIT (单位): mm (毫米)



suggested solder pad layout
 Note) #2, #4 are connected to the cover
 (Please connect to GND)