

5x7 SMD Crystal

Part Number Guide

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

T (Type 型号): D=5x7 SMD 4pads

DB=5x7 SMD 2pads

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

F (Frequency 标称频率): Normal - 5 digitals of Frequency, e.g. 8.0000M, 12.000M
Special - All digitals of Frequency, e.g. 13.225625M

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)

A (Automotive 车载应用)

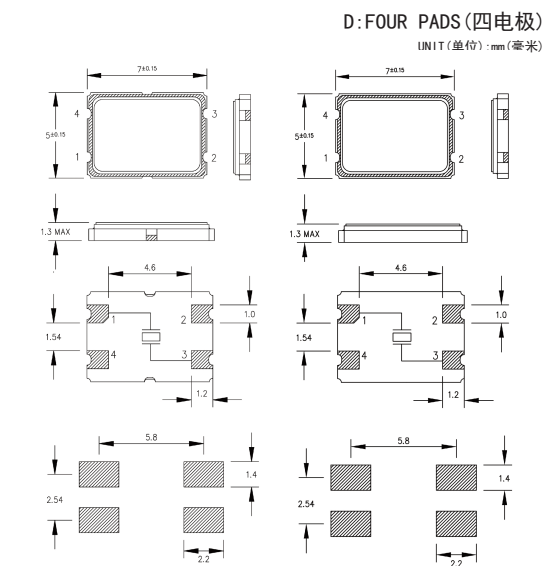
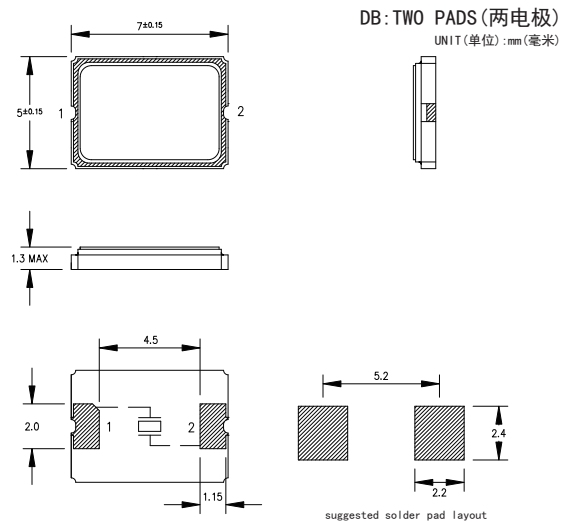


Pb Free RoHS Compliant

Electrical Specifications 电气参数

Item 项目	Spec 规格	Condition 条件	
Frequency Range 频率范围	6MHz~60MHz	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)	6MHz≤F0<8MHz		80 Ω
	8MHz≤F0<10MHz		60 Ω
	10MHz≤F0<14MHz		50 Ω
	14MHz≤F0<20MHz		40 Ω
	20MHz≤F0<60MHz		30 Ω

Mechanical Dimensions 外型尺寸



Note) #2, #4 are connected to the cover (Please connect to GND)