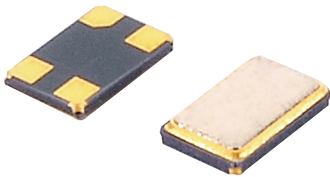


5x3.2 SMD Crystal

Part Number Guide T-M-FF.FFFM-LC-FTFS-OT-ESR

T (Type型号): I=5×3.2 SMD 4pads
IB=5×3.2 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℃ to +60℃ 4085=-40℃ to +85℃, 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	8MHz~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℃, -55~125℃	
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℃ ±50ppm@-55~125℃	
Aging 老化率	±3ppm, F0<30MHz ±5ppm, F0≥30MHz	
Storage Temperature 储存温度	-55~125℃	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
ESR 等效阻抗 (Ω)	8MHz≤F0<10MHz	100 Ω
	10MHz≤F0<12MHz	80 Ω
	12MHz≤F0<16MHz	60 Ω
	16MHz≤F0<20MHz	50 Ω
	20MHz≤F0<24MHz	40 Ω
	24MHz≤F0<60MHz	30 Ω

Mechanical Dimensions 外型尺寸

