

1.6×1.2 SMD VCTCXO

Part Number Guide

T-V-FF.FFFM-FT-FS-OT-OP

T (Type型号): TF=1.6×1.2 SMD TCXO VTF=1.6×1.2 SMD VCTCXO

V (Input Voltage输入电压): 1.8=1.8V 2.8=2.8V, 3.0=3.0V, etc

F (Frequency标称频率): Normal - 5 digitals of Frequency, e.g. 13.000M, 20.000M

Special - All digitals of Frequency, e.g. 16.367667M

FT (Frequency Tolerance 室温频差): A=0.5ppm, B=1ppm, C=1.5ppm, D=2ppm, E=2.5ppm, etc

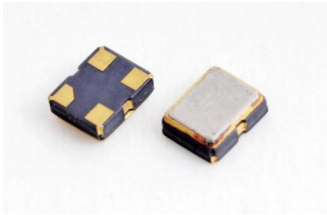
FS (Frequency Stability 温度频差): A=0.5ppm, B=1ppm, C=1.5ppm, D=2ppm, E=2.5ppm, etc

OT (Operating Temperature工作温度): A=0°Cto+50°C, B=0°Cto+70°C, C=-20°Cto+70°C

D=-20°Cto+75°C, E=-30°Cto+75°C, F=-30°Cto+85°C, G=-40°Cto+85°C

OP (Output Load输出): A=Clipped sinewave, B=Square HCMOS

A (Automotive车载应用)



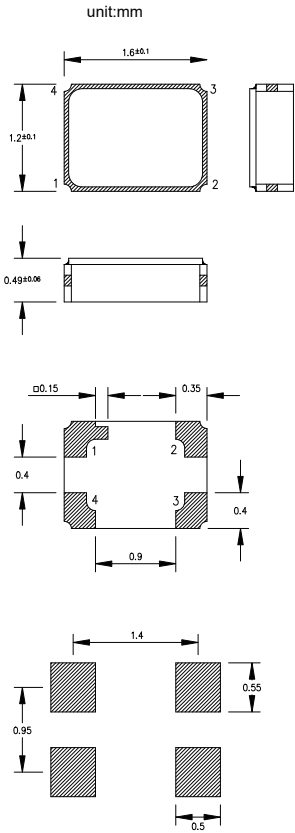
Pb
Free

RoHS Compliant

Mechanical Dimensions 外型尺寸

Electrical Specifications 电气参数

Item 项目	Spec 规格	Condition 条件
Frequency Range 频率范围	16MHz~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
Supply Voltage 工作电压 (V)	1.68V~3.5V (1.8V/2.6V/2.8V/3.0V/3.3V Typ.)	
Output Level 输出波形	0.8Vp-p min. (Clipped Sinewave)	
Output Load 输出负载	10kΩ//10pF	
Frequency Stability 频率精度		
(Tolerance) 室温	±1.5ppm max. (After 2 reflows)	针对VC-TCXO (for VC-TCXO)
vs. Temperature 温度变化	±0.5, ±1, ±2.5ppm/-30~85°C	
vs. Supply Voltage 电压波动	±0.2ppm max. (Vcc±5%)	
vs. Load Variation 负载波动	±0.2ppm max. (10kΩ//10pF ±5%)	
vs. Aging 老化	±1ppm max. /year	
Start up Time 开始时间	2.0ms max.	针对VC-TCXO (for VC-TCXO)
Frequency Control Sensitivity 压控范围	±3~±5ppm /Vcont=1.4±1V @Vcc≥2.6V ±3~±5ppm /Vcont=0.9±0.6V @Vcc=1.8V	



PIN	FUNCTION
1	Vcc (VC-TCXO) GND (TCXO)
2	Ground
3	Output
4	Vdd