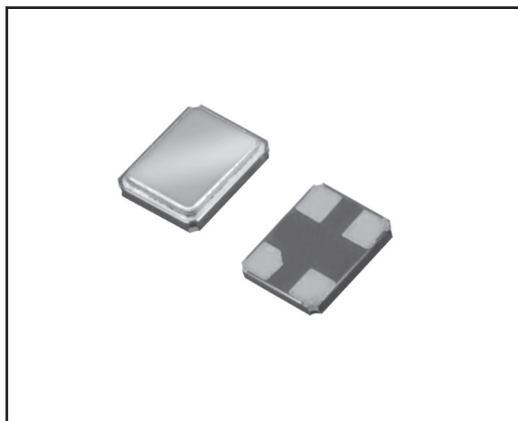


3.2x2.5 SMD Crystal



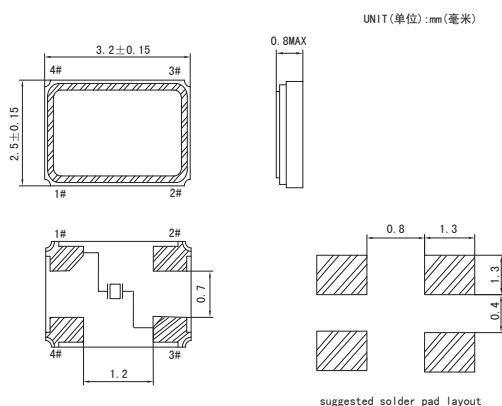
Part Number Guide

T (Type 型号): k=3.2×2.5SMD 4pads
M (Mode of Operation 振荡模式): F=Fundamental
F (Frequency 标称频率)
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 频率稳定性): 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)
TR (Tape and Reel 编带)
S (Special Requirement 特殊要求)

Electrical Specifications 电气参数

型号	Holder Type	3.2x2.5mm Ceramic Surface Mount
频率范围	Frequency Range	12MHz to 50MHz
调整频差	Frequency Tolerance (ΔF) (at25°C)	±10ppm to ±100ppm
温度频差	Frequency Drift	±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 - +85°C/-55°C - +125°C
老化	Aging (25°C)	±5ppm/ year Maximum
静电容	Shunt Capacitance (C0)	7pF maximum
激励功率	Drive Level	100uW Typical
绝缘阻抗	Insulation Resistance (Rs)	500 Megaohms Minimum at D.C.100V
负载电容	Load Capacitance (CL)	Suggested 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
12.000-16.000MHz	100 Ω max	Fundamental
16.000-20.000MHz	80 Ω max	Fundamental
20.000-24.000MHz	60 Ω max	Fundamental
24.000-50.000MHz	40 Ω max	Fundamental

Note) #2, #4 is connected with a cover
(Please connect with a GND or a power supply)