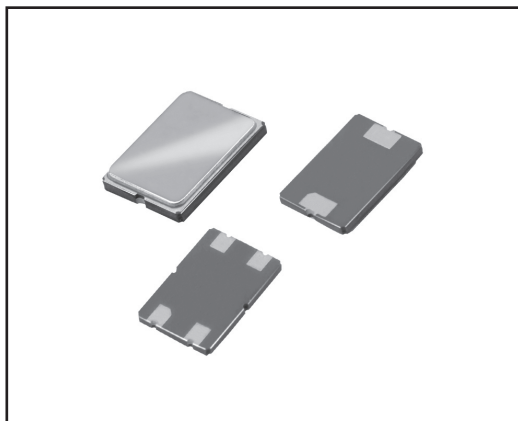


# 5x7 SMD Crystal



## Part Number Guide

T (Type型号): D=5×7 SMD 4pads

DB=5×7 SMD 2pads

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

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

FD (Frequency Drift 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)

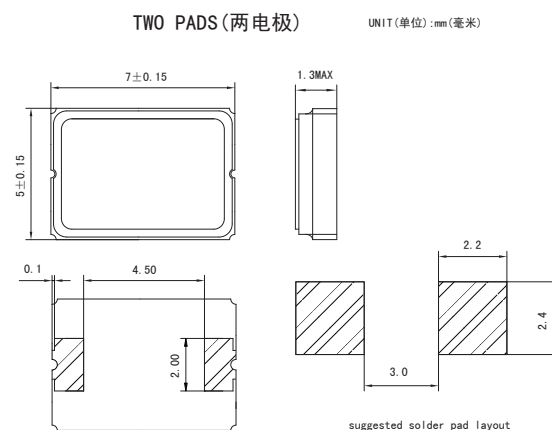
TR (Tape and Reel 编带)

S (Special Requirement 特殊要求)

## Electrical Specifications 电气参数

型号	Holder Type	5x7mm Ceramic Surface Mount
频率范围	Frequency Range	6.000 to 150.000 MHz
调整频差	Frequency Tolerance ( $\Delta F$ ) (at 25°C)	$\pm 10$ ppm to $\pm 100$ ppm
温度频差	Frequency Drift	$\pm 10$ ppm to $\pm 100$ ppm
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)	$\pm 5$ ppm/ 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 ( $\Omega$ ) 等效阻抗	Mode 振荡模式
6.000 to 8.000 MHz	80Max	基频 Fundamental
8.000 to 10.000 MHz	60Max	Fundamental
10.000 to 14.000 MHz	50Max	Fundamental
14.000 to 20.000 MHz	40Max	Fundamental
$\geq 20.000$ MHz	30/40 (BT cut) Max	Fundamental
24.000 to 35.000 MHz	100Max	三次泛音 Third Overtone
35.000 to 150.000 MHz	80Max	Third Overtone

