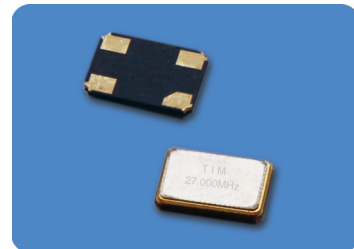




SEAM SEALED SMD CRYSTAL 2.5 × 2.0mm(SMD2520)

FEATURES

- Leadless type
- Reflow soldering
- It is a completely type with a metal case sealed on a ceramic board
- Ultra-miniature package



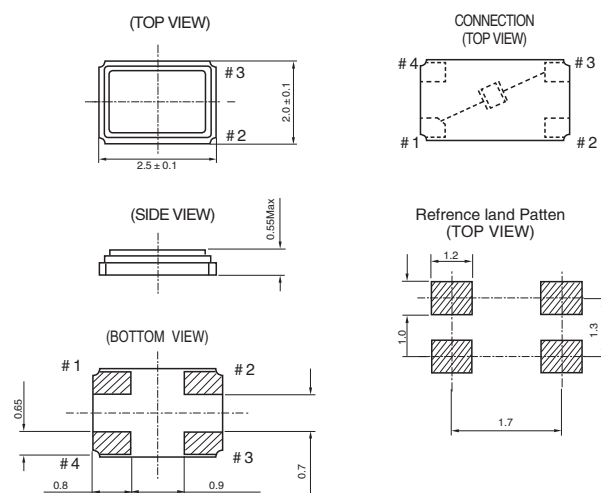
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	14.000000MHz~50.000000MHz
Frequency Tolerance(at 25℃)	± 30ppm(STD)、± 5ppm ~ ± 50ppm or specify
Operating Temperation Range	-10℃~+60℃、-20℃~+70℃、-40℃~+85℃ or specify
Frequency Stability Over Operating Temp Characteristics	± 30ppm(STD)、± 10ppm ~ ± 50ppm or specify
Equivalent Series Resistance	see table No.1
Storage Temperature Range	-55℃ ~ +125℃
Shunt Capacitance (Co)	5.0pF Max
Load Capacitance (CL)	series 16pF、20pF、30pF、32pF or specify
Drive Level	10uw~100uw
Insulation Resistance	500M ohms Min / DC 100V
Aging	± 3ppm/year

EQUIVALENT SERIES RESISTANCE(ESR) TABLE No.1

Frequency Range	Mode	ESR(Ω)
12.000MHz~20.999MHz	Fundamental	60Max
21.000MHz~48.000MHz	Fundamental	50Max

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-XS3225	F	16.000000	± 20	± 30	-20℃~+70℃	20	60
Type	oscillator mode	Frequency(MHz)	Frequency tolerance (ppm)	temperature stability (ppm)	operating temperature range	Load capacitance(pf)	ESR(Ω) Max
	F:Fundamental	16.000000: 16.000000MHz	± 30: ± 30ppm	± 30: ± 30ppm		20:20pf 00:SERIES	60:60 Ω Max