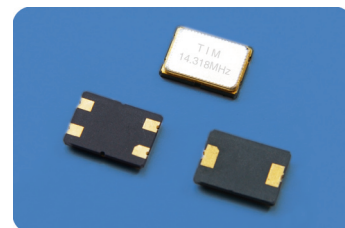




SEAM SEALED SMD CRYSTAL 7.0×5.0mm(SMD7050)

FEATURES

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



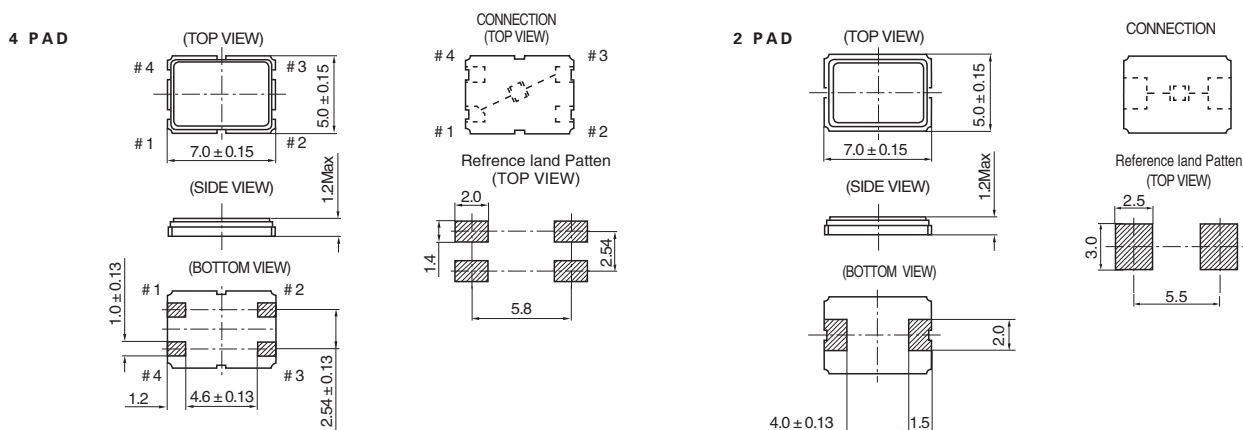
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	6.000000MHz~200.000000MHz
Frequency Tolerance(at 25℃)	± 30ppm(STD)、± 5ppm ~ ± 50ppm or specify
Operating Temperature 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)	Frequency Range	Mode	ESR(Ω)
6.000MHz~8.999MHz	Fundamental	60Max	30.000MHz~34.999MHz	3rd Overtone	80Max
9.000MHz~11.999MHz	Fundamental	50Max	35.000MHz~44.999MHz	3rd Overtone	70Max
12.000MHz~13.999MHz	Fundamental	40Max	45.000MHz~89.999MHz	3rd Overtone	60Max
14.000MHz~32.000MHz	Fundamental	35Max	90.000MHz~110.000MHz	5th Overtone	80Max

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-XS7050A	F	16.000000	± 15	± 30	-20℃~+70℃	20	35
Type	oscillator mode	Frequency(MHz)	Frequency tolerance	temperature stability	operating temperature range	Load capacitance(pf)	ESR(Ω) Max
XS7050A: 4PAD	F:Fundamental	16.000000:	(ppm)	(ppm)		20:20pf	
XS7050B: 2PAD	3:3rd Overtone	16.000000MHz	± 15: ± 15ppm	± 30: ± 30ppm		00:SERIES	35:35Ω Max
	5:5th Overtone						