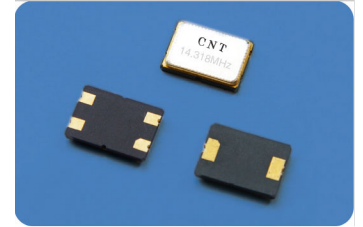




SEAM SEALED SMD CRYSTAL 7.0×5.0mm

FEATURES

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



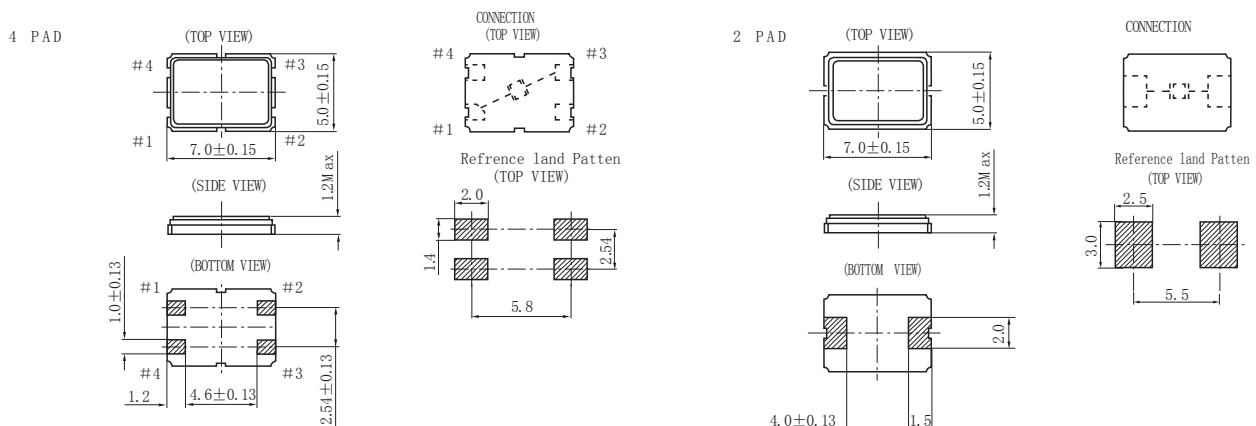
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	6.000000MHz~110.000000MHz
Frequency Tolerance(at 25°C)	±30ppm(STD)、±5ppm ~ ±50ppm or specify
Operating Temperature Range	-10°C~+60°C、-20°C~+70°C、-40°C~+85°C 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°C ~ +125°C
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°C~+70°C	20	35
Type	oscillator mode	F:Fundamental	Frequency (MHz)	Frequency tolerance (ppm)	temperature stability (ppm)	operating temperature range	Load capacitance (pf)	ESR (Ω) Max
XS7050A: 4PAD	3:3rd Overtone	16.000000:					20:20pf	
XS7050B: 2PAD	5:5th Overtone	16.000000MHz	±15: ±15ppm	±30: ±30ppm			00:SERIES	35:35 Ω Max