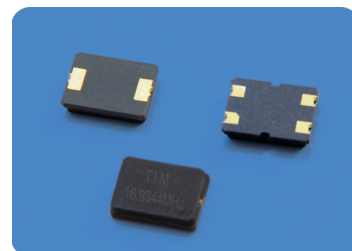




GLASS SEALED SMD CRYSTAL 7.0 × 5.0mm(SMD7050)

FEATURES

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



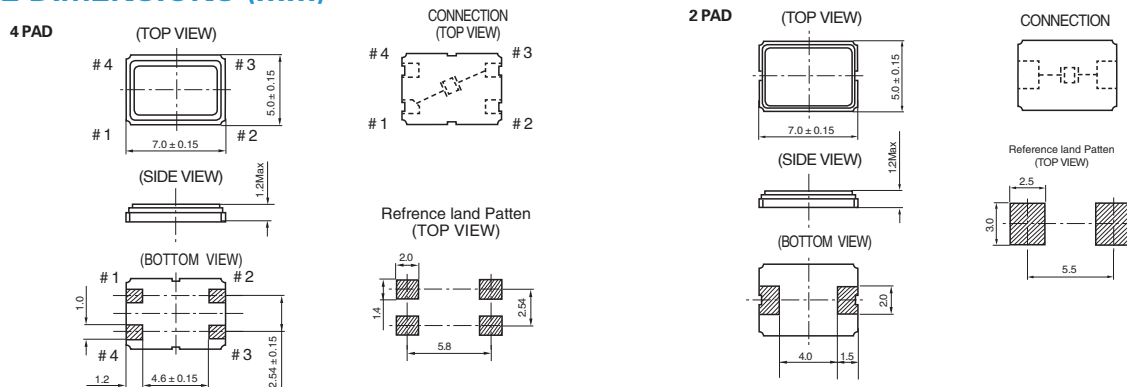
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	8.000000MHz~80.000000MHz
Frequency Tolerance(at 25°C)	± 30ppm(STD)、± 5ppm ~ ± 50ppm or specify
Operating Temperation 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)
8.000MHz~11.999MHz	Fundamental	70Max	30.000MHz~44.999MHz	3rd Overtone	80Max
12.000MHz~30.000MHz	Fundamental	50Max	45.000MHz~80.000MHz	3rd Overtone	60Max

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-XG7050A	F	16.000000	± 15	± 30	-20°C~+70°C	20	50
Type	oscillator mode	Frequency(MHz)	Frequency tolerance (ppm)	temperature stability (ppm)	operating temperature range	Load capacitance(pf)	ESR(Ω) Max
XG7050A: 4PAD	F:Fundamental	16.000000:	± 15: ± 15ppmv	± 30: ± 30ppm		20:20pf	
XG7050B: 2PAD	3:3rd Overtone	16.000000MHz				00:SERIES	50:50 Ω Max