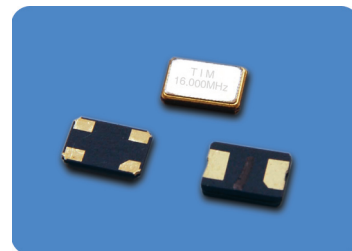




SEAM SEALED SMD CRYSTAL 5.0×3.2mm(SMD5032)

FEATURES

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



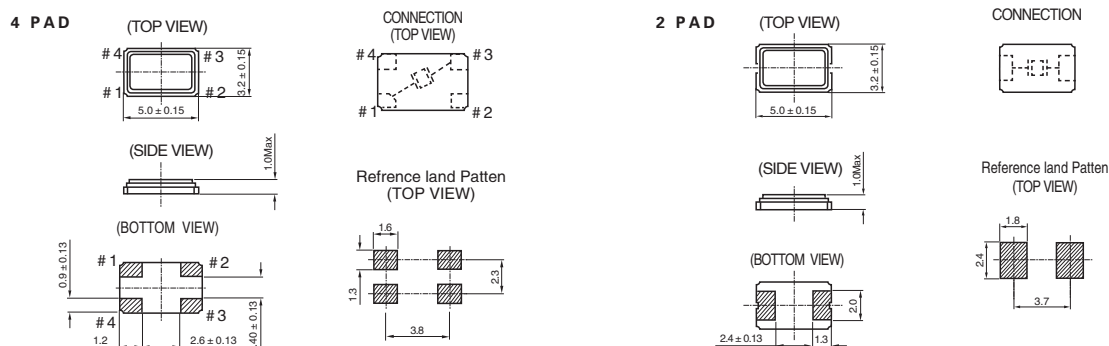
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	8.000000MHz~100.000000MHz
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)	Frequency Range	Mode	ESR(Ω)
10.000MHz~13.999MHz	Fundamental	60Max	35.000MHz~39.999MHz	3rd Overtone	100Max
14.000MHz~30.000MHz	Fundamental	40Max	40.000MHz~100.000MHz	3rd Overtone	60Max

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-XS5032	F	16.000000	± 20	± 30	-20℃~+70℃	20	40
Type	oscillator mode	Frequency(MHz)	Frequency tolerance (ppm)	temperature stability (ppm)	operating temperature range	Load capacitance(pf)	ESR(Ω) Max
XS5032A: 4PAD	F:Fundamental	16.000000:	(ppm)	(ppm)		20:20pf	
XS5032B: 2PAD	3:3rd Overtone	16.000000MHz	± 20: ± 20ppm	± 30: ± 30ppm		00:SERIES	40:40 Ω Max