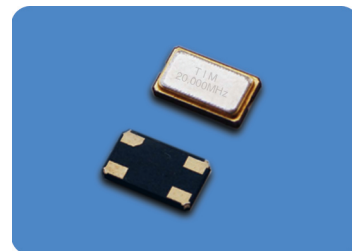


SEAM SEALED SMD CRYSTAL 4.0×2.5mm(SMD4025)

FEATURES

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



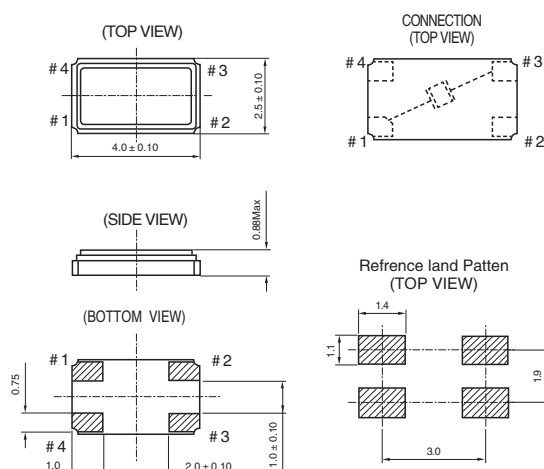
SPECIFICATIONS

ITEM	DESCRIPTION
Frequency range	12.000000MHz~50.000000MHz
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)
12.000MHz~14.999MHz	Fundamental	60Max
15.000MHz~19.999MHz	Fundamental	40Max
20.000MHz~24.999MHz	Fundamental	35Max
25.000MHz~50.000MHz	Fundamental	30Max

OUTLINE DIMENSIONS (mm)



PART NUMBER

TIM-	XS4025	F	16.000000	± 20	± 30	-20°C~+70°C	20	40
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	± 20: ± 20ppm	± 30: ± 30ppm		20:20pf 00:SERIES	40:40 Ω Max	