

SURFACE MOUNT TYPE CRYSTAL UNITS / NX1255GA (CP12A)

This is crystal unit optimum for audio, visual and office automation applications, meeting the requirements, starting from a low frequency.



■ Features

- These products exhibit excellent electric performance when used for audio, visual and office automation applications.
- This crystal unit is provided with superior environmental performance including heat resistance, vibration resistance, impact resistance, etc.
- An enriched assortment of frequencies are prepared from a low frequency 3.5MHz.
- These products can meet requirements of re-flow profiling using lead-free solder.

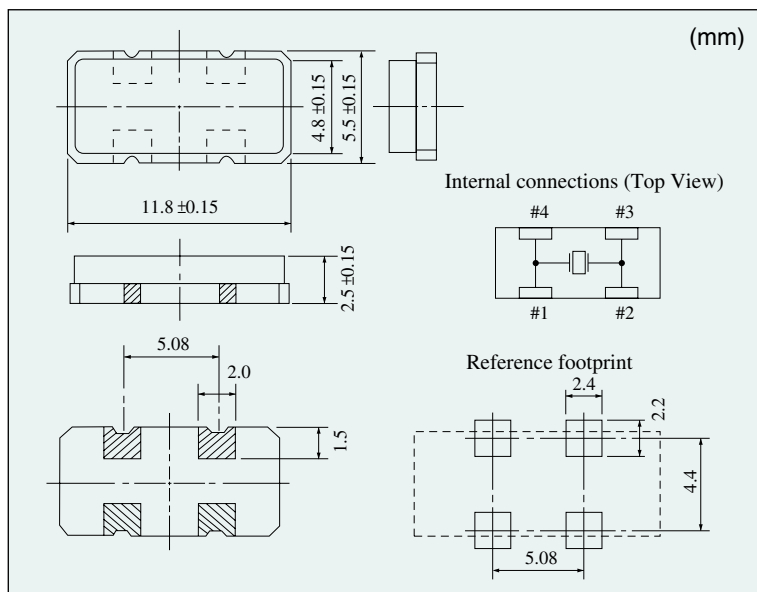
■ Specification

Item	Type	NX1255GA (CP12A)			
Frequency Range		3.5 MHz ~ 4.0 MHz	4 MHz ~ 8 MHz	8 MHz ~ 12 MHz	12 MHz ~ 25 MHz
Overtone		Fundamental			
Frequency Tolerance (25±3°C)		± 50 × 10 ⁻⁶			
Temperature Characteristics (in reference to +25°C)		± 50 × 10 ⁻⁶			
Operating Temperature Range		-10 ~ +70°C			
Equivalent Series Resistance		150 Ω max	120 Ω max	80 Ω max	50 Ω max
Drive Level		100 μW (500 μW max)			
Standard Load Capacitance		12pF			
Operable Temperature Range		-40 ~ +125°C			

Typical Frequency (MHz)

Fundamental	3.579545	4.8	6.6128	8.0	12.0	16.9344	24.0
	3.6864	4.9152	7.2	9.834	13.5	17.7344	24.576
	4.0	5.0	7.3728	10.0	14.31818	18.432	
	4.194304	6.0	7.68	10.26	15.0	19.6608	
	4.332	6.144	7.9488	11.0592	16.0	20.0	

■ Dimensions



If you need NON-standard spec., please contact us.
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