

Crystal Unit

# SX-7050



● Applications

Cellular • PHS • Cordless Telephones • Pagers

● Features

Thin • Dimensions(7.0×5.0×1.1)  
 Ceramic SMD Package  
 Leadless Type • Seam Sealed  
 Tight Tolerance and Stability  
 Reflow Soldering • Emboss Taping • RoHS Compliant  
 Conforms to AEC-Q200

## ▼ Specifications

Type	SX-7050			
Nominal frequency range	6.000~40.000MHz		30.000~100.000MHz	
Crystal cut	Fundamental [AT-cut]		3rd overtone [AT-cut]	
Storage temperature range	-40~+90°C			
Operating temperature range	-10~+60°C	-30~+80°C	-10~+60°C	-30~+80°C
Frequency temperature characteristics (Ref. to +25°C)	±10×10 <sup>-6</sup>	±20×10 <sup>-6</sup>	±10×10 <sup>-6</sup>	±20×10 <sup>-6</sup>
Frequency tolerance(at +25°C)	±10×10 <sup>-6</sup> , ±20×10 <sup>-6</sup> , ±30×10 <sup>-6</sup>			
Equivalent series resistance	80Ω:6.000~7.999MHz 60Ω:8.000~9.999MHz 40Ω:10.000~14.999MHz 30Ω:15.000~54.000MHz		80Ω:30.000~100.000MHz	
Load capacitance	series,16pF,20pF,30pF			
Shunt capacitance	5pF max.			
Level of drive	10μW(100μW max.)			

Package quantity : 1,000pcs max./reel.

Please consult with us for more details. [sales@siward.com.tw](mailto:sales@siward.com.tw) (Asia & Europe)

[staff1@siward.co.jp](mailto:staff1@siward.co.jp) (Japan)

[siwusa@siward.com.tw](mailto:siwusa@siward.com.tw) (USA)

## ▼ Outline Dimensions [unit:mm]

TOP VIEW

Maximum marking length		Marking
line1	line2	
8	8	Laser
ex.)		
16.0 DC SIWARD		

#1,#3: Crystal terminal / #2,#4: Connected to cover.  
 (Please connect it with GND.)

Example of a Terminal Land Pattern