

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

## ▼ Specifications

Type	SX-7050			
Nominal frequency range	8.000~40.000MHz		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	60Ω:8.000~9.999MHz 40Ω:10.000~14.999MHz 30Ω:15.000~40.000MHz		80Ω:30.000~100.000MHz	
Load capacitance	series,16pF,20pF,30pF			
Shunt capacitance	5pF max.			
Level of drive	10μW(100μW max.)			

Please consult with us for more details. sales@siward.com.tw  
 Package quantity : 1,000pcs max./reel.

## ▼ Outline Dimensions [unit:mm]

**TOP VIEW**

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

**Example of a Terminal Land Pattern**

Maximum marking length		Marking
line1	line2	
8	8	Laser
ex.)		
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">                     16.0 DC SIWARD                 </div>		