

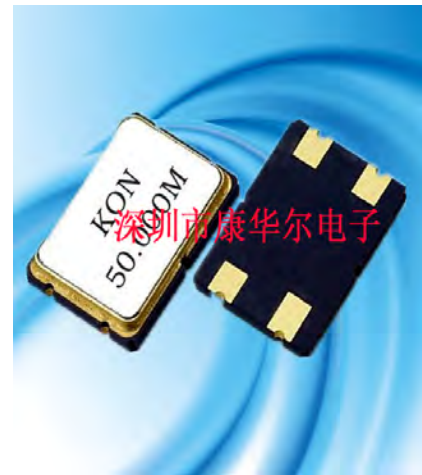
Crystal KH-7050

● 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

● Applications

Cellular ▪ PHS ▪ Cordless Telephones ▪ Pagers



▼ Specifications

Type	KH-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 ⁻⁶	±20×10 ⁻⁶	±10×10 ⁻⁶	±20×10 ⁻⁶
Frequency tolerance(at +25°C)	±10×10 ⁻⁶ , ±20×10 ⁻⁶ , ±30×10 ⁻⁶			
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.

▼ Outline Dimensions [unit:mm]

TOP VIEW

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

Maximum marking length		Marking
line1	line2	
8	8	Laser
ex.)		
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> KON 50.000M </div>		

Example of a Terminal Land Pattern