

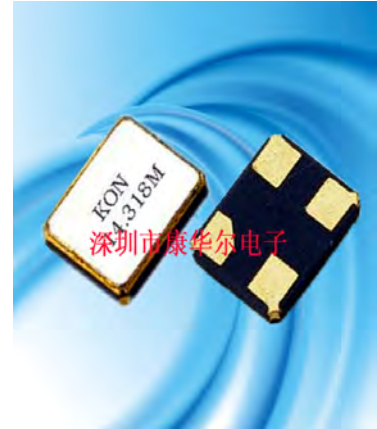
Crystal KH-2520

● Applications

Mobile communication ▪ Bluetooth ▪ Wireless LAN

● Features

Ultra-thin ▪ Dimensions(2.5×2.0×0.55)
 Ceramic SMD Package
 Leadless Type ▪ Vacuum Seam Sealed
 Tight Tolerance and Stability
 Reflow Soldering ▪ Emboss Taping
 RoHS Compliant



▼ Specifications

Type	KH-2520	
Nominal frequency range	12.000~66.000MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40~+90℃	
Operating temperature range	-10~+60℃	-30~+85℃
Frequency temperature characteristics (Ref. to +25℃)	±10×10 ⁻⁶	±15×10 ⁻⁶
Frequency tolerance(at +25℃)	±10×10 ⁻⁶	
Equivalent series resistance	150Ω:12.000~15.999MHz 80Ω:16.000~19.999MHz 60Ω:20.000~29.999MHz 50Ω:30.000~34.999MHz 40Ω:35.000~66.000MHz	
Load capacitance	8pF,12pF	
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.)

Example of a Terminal Land Pattern

Maximum marking length		Marking 4 Laser
line1	line2	
4	4	
ex.)		
<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;"> K O N 1 4 . 3 1 </div>		