



- 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	LUO--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.

### ▼ Outline Dimensions [unit:mm]

