



- Features
  - Miniature ▪ Thin ▪ Dimensions(6.0×3.5×1.1)
  - Ceramic SMD Package
  - Leadless Type ▪ Glass Sealed
  - Tight Tolerance and Stability
  - Reflow Soldering ▪ Emboss Taping ▪ RoHS Compliant
- Applications
  - Cordless Telephones ▪ Facsimile ▪ Computer Clocks

**▼ Specifications**

Type	LUO--6035	
Nominal frequency range	8.000~50.000MHz	45.000~60.000MHz
Crystal cut	Fundamental [AT-cut]	3rd overtone [AT-cut]
Storage temperature range	-40~+90°C	
Operating temperature range	-10~+70°C,-40~+85°C	
Frequency temperature characteristics (Ref. to +25°C)	±30×10 <sup>-6</sup> (-10~+70°C),±50×10 <sup>-6</sup> ,±100×10 <sup>-6</sup>	
Frequency tolerance(at +25°C)	±30×10 <sup>-6</sup> , ±50×10 <sup>-6</sup>	
Equivalent series resistance	80Ω:8.000~9.999MHz 60Ω:10.000~15.999MHz 50Ω:16.000~50.000MHz	90Ω:45.000~60.000MHz
Load capacitance	series, 10pF, 12pF, 16pF, 18pF, 20pF	
Shunt capacitance	5pF max.	
Level of drive	10μW(100μW max.)	

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

**▼ Outline Dimensions [unit:mm]**

