



- Features
 - Miniature ▪ Thin ▪ Dimensions(7.0×5.0×1.4)
 - 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--7050	
Nominal frequency range	6.000~50.000MHz	30.000~70.000MHz
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 ⁻⁶ (-10~+70°C),±50×10 ⁻⁶ ,±100×10 ⁻⁶	
Frequency tolerance(at +25°C)	±30×10 ⁻⁶ , ±50×10 ⁻⁶	
Equivalent series resistance	100Ω:6.000~6.999MHz 80Ω:7.000~9.999MHz 60Ω:10.000~15.999MHz 50Ω:16.000~50.000MHz	80Ω:30.000~49.999MHz 70Ω:50.000~59.999MHz 60Ω:60.000~70.000MHz
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]

