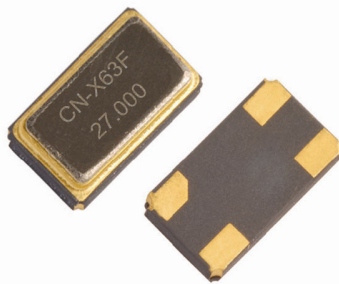


X63F



Description:

- Ultra-Miniature Size
- Mobile Communications Applications
- Highly Precise
- GSM
- Ceramic Package
- PDC
- Tape and Reel
- CDMA
- Reflow Soldering
- PHS

Performance Characteristics

Parameter		X63F	
Frequency Range	F ₀	8.000MHz~36.000MHz	27.000MHz~100.000MHz
Mode of Vibration		Fundamental	3rd Overtone
Resonance Resistance	R _r	60Ω	80Ω
Frequency Tolerance (at 25°C)		±5×10 ⁻⁶ ~±30×10 ⁻⁶	
Storage Temperature Range	T _{STG}	-55°C~+125°C	
Shunt Capacitance	C ₀	7pF Max	
Load Capacitance	CL	9.5pF~100pF or Series	
Insulation Resistance	IR	>500MΩ DC/100V±10V	
Drive Level	DL	0.01mW~0.1mW	
Aging	Fa	±3×10 ⁻⁶ ~±5×10 ⁻⁶ /year	

Frequency Stability Over Temperature Range

Temperature Range	Frequency Stability				
	O:±10×10 ⁻⁶	P:±15×10 ⁻⁶	Q:±20×10 ⁻⁶	S:±30×10 ⁻⁶	T:±50×10 ⁻⁶
A:0°C~+50°C	●	●	●	●	●
B:-10°C~+60°C	●	●	●	●	●
C:-20°C~+70°C		●	●	●	●
G:-40°C~+85°C			●	●	●

Outline Drawing (mm)

