Specification

PART NO  7C04000183AKAFA2Q5

1. Scope:
1.1 This specification applies to the RoHS/SONY compliance quartz crystal unit with a frequency of 16MHz which will be used in crystal oscillator applications.

2. Construction:
2.1 Type of Quartz Resonator: THHF-49S3 Standard leads

3. Electrical Characteristics
3.1 Nominal Frequency(f): 4,000,000 Hz
3.2 Load Capacitance(CL): 18pF
3.3 Frequency Tolerance(Δf/f): ± 30ppm
3.4 Frequency Temperature Stability: ±50ppm
3.5 Resonance Resistance(ohm): 120ohms Max
3.6 Osc mode: Fundamental mode
3.7 Shunt Capacitance(C0): <7pF
3.8 Drive Level(DL): < 100μW
3.9 Operating Temperature Range(TOPR): -20 to + 70°C
3.10 Operable Temperature Range(TOPRA): -25 to + 85°C
3.11 Storage Temperature Range(TSTG): -55 to + 125°C
3.12 Insulation Resistance(IR): >500 M ohms
3.13 Aging(ΔfA): ± 5ppm per Year
3.14 Marking: Q+4B000+DateCode+LotCode4
3.15 OTHERS: Not recommended for safety applications