LOW FREQUENCY TUNING FORK CRYSTALS IN CYLINDRICAL PACKAGE - XKC26 Series

FEATURES

- RoHS Compliant, Wide Low Frequency Range from 30 kHz to 192 kHz
- Small Compact Cold Weld Aluminum Holder
- Excellent Shock Resistance and Environmental Characteristics
- Applications for Radio Communication Equipment and Clock Source for Pagers

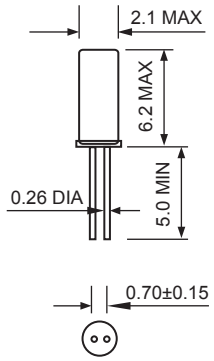
SPECIFICATIONS

Frequency Range	30 kHz to 192 kHz
Standard Frequencies	31.25 kHz, 31.50 kHz, 40.00 kHz, 76.80 kHz, 192KHz
Resonance Mode	Tuning Fork
Calibration Tolerance @25°C	A = ±50 ppm, X = ±5 KHz for 192KHz
Frequency Stability Ref @25°C	Frequency shift at T°C in ppm = -0.034 x $(T-25)^2$ ± 10% (ppm)
Turnover Temperature	25°C ± 5°C on parabolic curve
Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 85°C
Load Capacitance (CL)	CL = 12.5 pF (Standard), Other values from 6.0 pF to 12.5 pF are available
Shunt Capacitance (Typical)	0.7 pF to 0.8 pF
Motional Capacitance (Typical)	0.001 pF to 0.004 pF
Drive Level	0.001 mW Maximum
Equivalent Series Resistance	50 kOhms Maximum (30 - 49.9 kHz); 35 kOhms Maximum (50 - 79.9 kHz) 25 kOhms Maximum (80 - 192 kHz)
Crystal Aging	±5 ppm / year Maximum
Insulation Resistance	500,000 kOhms Minimum

Creating a Part Number **XKC26-76K800-A 12.5** -options

Product Series
Frequency
Tolerance at 25°C: A = ±50 ppm
X = ±5 KHz
Load Capacitance: 12.5, 6, 9

OUTLINE DRAWING



All dimensions are typical unless otherwise specified

Dimensions in Millimeters