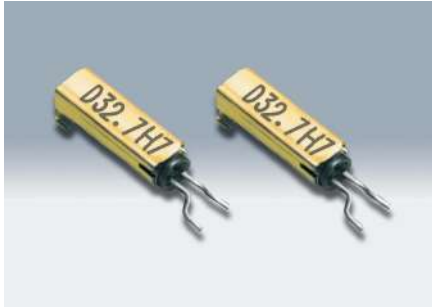


SMD Tuning Fork Crystal Resonators / kHz Band Crystal Resonators

SM-14J



Actual size

■ Features

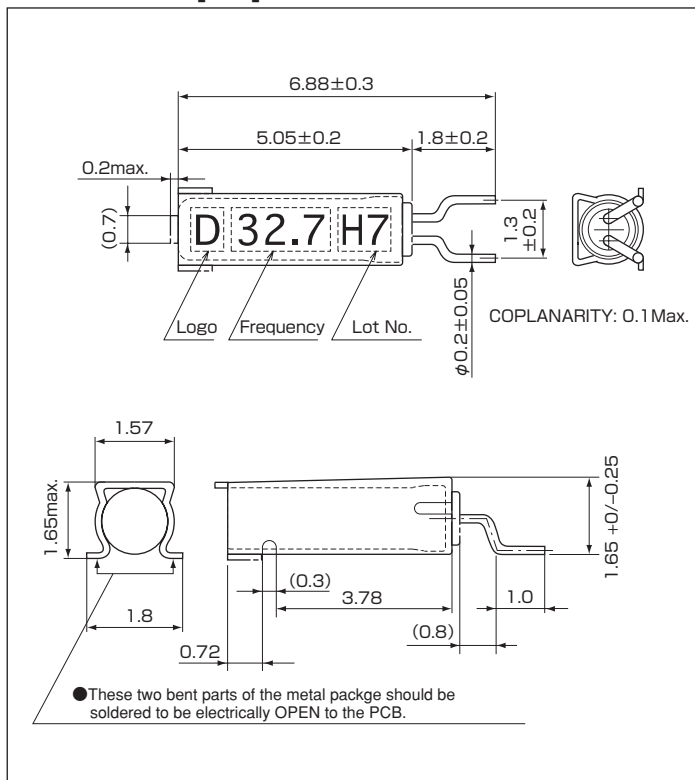
- A miniature SMD tuning fork crystal resonator incased in a metal package.
- Correspond to automatic mounting and reflow soldering.
- Suitable for mobile telecommunications as well as many other applications.

■ Standard Specification

Item	Type	SM-14J
Frequency Range		32.768kHz (30~80kHz)
Load Capacitance		Series, 7pF, 8pF, 10pF, 12pF, 12.5pF
Drive Level		1.0μW (1.5μW max.)
Frequency Tolerance		$\pm 20 \times 10^{-6}$, $\pm 30 \times 10^{-6}$ (at 25°C)
Series Resistance		50kΩ Typ. (70kΩ max.)
Turnover Temperature		+25±5°C
Two Dimensional Temperature Constant		$-0.04 \times 10^{-6} / ^\circ\text{C}^2$ max.
Operating Temperature Range		-40~+85°C
Storage Temperature Range		-40~+85°C
Shunt Capacitance		1.05pF Typ.
Packing Unit		5000pcs./reel (φ330)

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Recommended Land Pattern [mm]

