PRODUKT-INFO

CM-212 SMD CRYSTAL (UHRENQUARZ)

TUNING FORK CRYSTAL

FEATURES

- 1. Tuning fork crystal with in-house ceramic.
- 2. High-density SMD type
- 3. Ultra-light weight with ultra-miniature packaging.
- 4. High-stability assured with tight vacuum sealing.

DSL 32.768 Actual Size

APPLICATION

Most appopriate for portable devices and mobile telecommunications devices.

ELECTRICAL SPECIFICATIONS	
Model	CM-212
Nominal Frequency	32.768 kHz
Frequency Tolerance (at +25°C)	±20 ppm
Load Capacitance (C _L)	12.5 pF typical
Temperature Coefficient	-0.04 ppm/°C ² max.
Equivalent Series Resistance (at +25°C)	90 kΩ max.
Drive Level	0.5 μW max.
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +125°C
Turnover Temperature	+25°C ±5°C
Aging (at +25°C) first year	±3 ppm max.
Shunt Capacitance	1.7 pF typical



