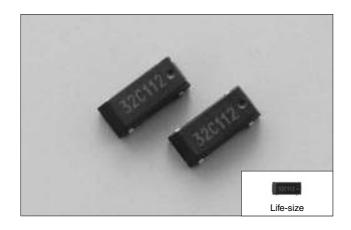


# TUNING FORK CRYSTAL UNITS (SMD · Plastic Package)

**RoHS** compliant

# CM200C · CM250C

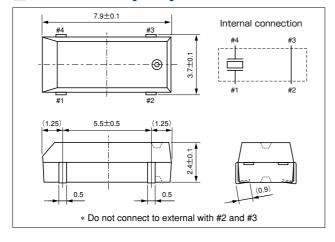
3000pcs/reel



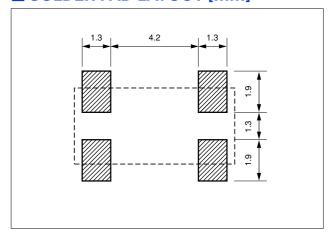
#### **FEATURES**

- Molding a heat resistant cylinder with resin.
- Most appropriate for clock source for portable equipment with low power consumption.

### **■ DIMENSION [mm]**



## ■ SOLDER PAD LAYOUT [mm]



#### **STANDARD SPECIFICATIONS**

Item	Model	CM200C	CM250C	Conditions
Nominal Frequency	fo	32.768kHz	30kHz∼100kHz	Need to contact us for the available frequency in CM250C
Frequency Tolerance	△ f/fo	±20ppm	±30ppm	at 25°C
Load capacitance	CL	12.5pF		Need to specify your requirement
Operating Temperature Range	Topr	-40°C∼+85°C		
Storage Temperature Range	Tstr	−55°C~+125°C		
Turnover Temperature	Тм	25℃±5℃		
Temperature Coefficient	β	−0.034±0.006ppm/°C²		
Motional (series) resistance	R <sub>1</sub>	50K Ω Max.		at 25°C
Level of drive	DL	1 μW Max.		
Aging (first year)	△ f/fo	±3ppm Max.	±5ppm Мах.	25℃±3℃
Shunt capacitance	Co	1.35pF Typ.	0.8pF ∼ 1.7pF Typ.	Depend on frequency