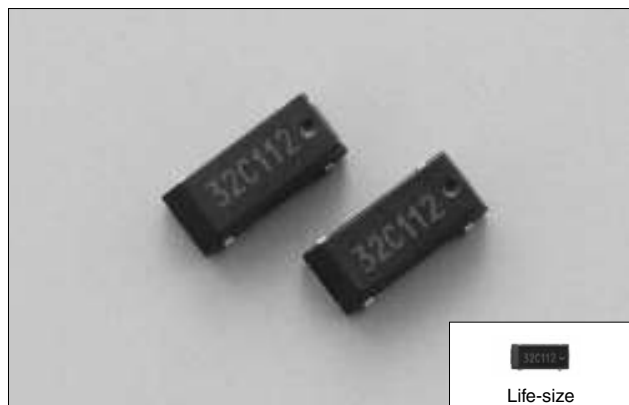


# TUNING FORK CRYSTAL UNITS (SMD • Plastic Package)

RoHS compliant

## CM200C • CM250C

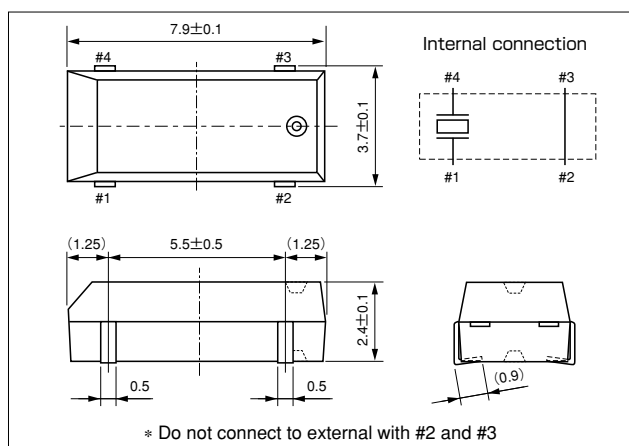
3000pcs/reel



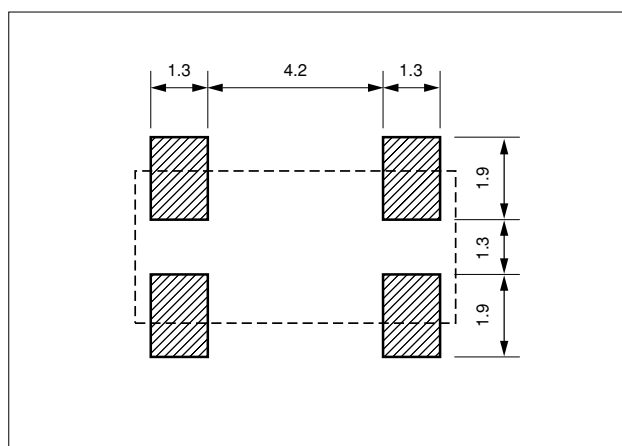
### FEATURES

- 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	$f_0$	32.768kHz	30kHz~100kHz	Need to contact us for the available frequency in CM250C
Frequency Tolerance	$\Delta f/f_0$	±20ppm	±30ppm	at 25°C
Load capacitance	$C_L$	12.5pF		Need to specify your requirement
Operating Temperature Range	$T_{OPR}$	-40°C ~ +85°C		
Storage Temperature Range	$T_{STR}$	-55°C ~ +125°C		
Turnover Temperature	$T_M$	25°C ± 5°C		
Temperature Coefficient	$\beta$	-0.034 ± 0.006ppm/°C <sup>2</sup>		
Motional (series) resistance	$R_1$	50KΩ Max.		at 25°C
Level of drive	$D_L$	1 μW Max.		
Aging (first year)	$\Delta f/f_0$	±3ppm Max.	±5ppm Max.	25°C ± 3°C
Shunt capacitance	$C_0$	1.35pF Typ.	0.8pF ~ 1.7pF Typ.	Depend on frequency

# Mouser Electronics

Authorized Distributor

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## Citizen:

[CM206T-32.768KDZB-UT](#) [CM130-32.768KDZF-UT](#) [CM250C-100.000KAZF-UT](#) [CM200C-32.768KAZF-UT](#) [CM250C-76.800KAZF-UT](#) [CM250C-38.400KAZF-UT](#) [CM250C-60.000KAZF-UT](#) [CM250C-75.000KAZF-UT](#) [CM250C-40.000KAZF-UT](#) [CM250C-32.000KAZF-UT](#) [CM200C-32.768KDZF-UT](#) [CM250C-96.000KAZF-UT](#) [CM200C-32.768KDZB-UT](#) [CM250C-36.000KAZF-UT](#) [CM200C-32.768KEZF-UT](#) [CM130-32.768KDZYUT](#)