

# TUNING FORK CRYSTAL UNITS (SMD · Cylinder Type)

# **CMR200T**

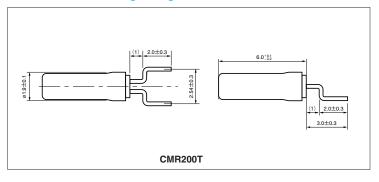
2000pcs/reel



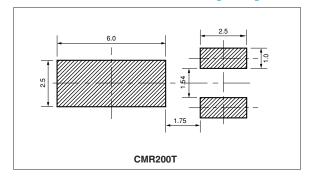
#### **FEATURES**

- Lead formed SMD type with embossed tape.
  Automatic mounting and reflowable type.
- Most appropriate for clock source for portable and other various equipment with low power consumption.

### **■ DIMENSION** [mm]



### ■ SOLDER PAD LAYOUT [mm]



#### **STANDARD SPECIFICATIONS**

Item	Model	CMR200T	Conditions
Nominal Frequency	fo	32.768kHz	
Frequency Tolerance	△ f/fo	±20ppm	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℃	See figure 2 in P4
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)	△ <b>f</b> / <b>f</b> 0	±3ppm Max.	25℃±3℃
Quality Factor	Q	70000 Typ.	
Shunt capacitance	Co	1.35pF Typ.	