

TUNING FORK CRYSTAL UNITS (SMD • Cylinder Type)

RoHS compliant / Pb free

CMR200T

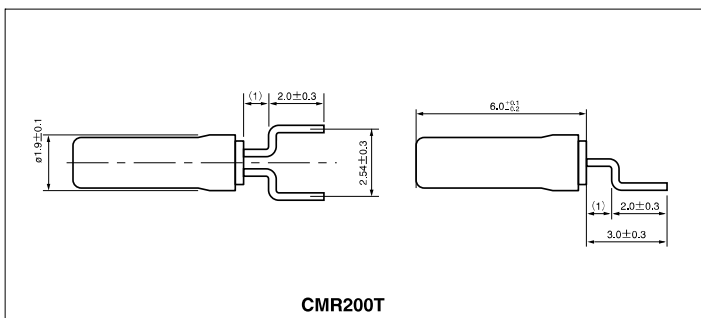
2000pcs/reel



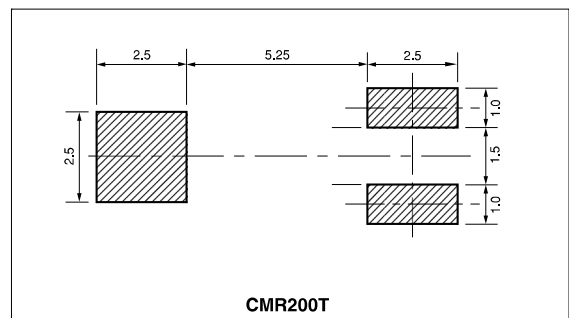
FEATURES

- Lead formed SMD type with embossed tape.
- 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	f_0	32.768kHz	
Frequency Tolerance	$\Delta f/f_0$	± 20 ppm	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	β	-0.034 \pm 0.006ppm/°C ²	
Motional (series) resistance	R_1	50KΩ Max.	at 25°C
Level of drive	D_L	1 μ W Max.	
Aging (first year)	$\Delta f/f_0$	± 3 ppm Max.	25°C ± 3 °C
Shunt capacitance	C_0	1.35pF Typ. 1.35pF Typ.	