

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Citizen Finedevice](#)

[CMR200T32768DZBT](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

TUNING FORK CRYSTAL UNITS (SMD • Cylinder Type)

RoHS compliant / Pb free

CMR200T

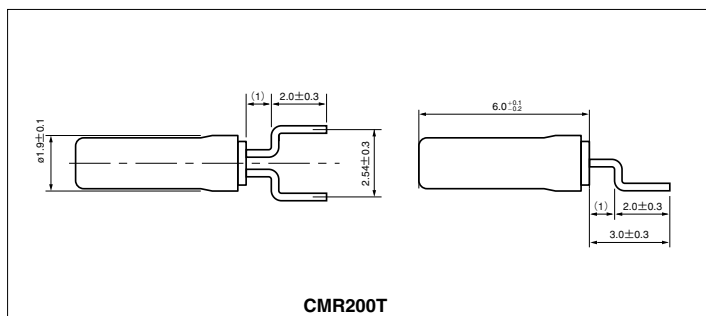
2000pcs/reel



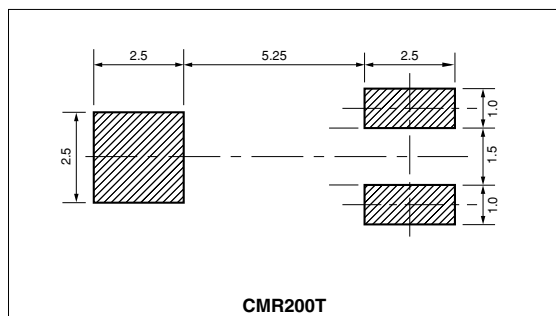
FEATURES

- 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	$\Delta f/f_0$	$\pm 20\text{ppm}$	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 $\pm 5^\circ\text{C}$	
Temperature Coefficient	β	$-0.034 \pm 0.006\text{ppm}/^\circ\text{C}^2$	
Motional (series) resistance	R_1	50KΩ Max.	at 25°C
Level of drive	D_L	1 μW Max.	
Aging (first year)	$\Delta f/f_0$	$\pm 3\text{ppm Max.}$	25°C $\pm 3^\circ\text{C}$
Shunt capacitance	C_0	1.35pF Typ. 1.35pF Typ.	