

TUNING FORK CRYSTAL UNITS (SMD • Cylinder Type)

RoHS compliant / Pb free

CMR200T

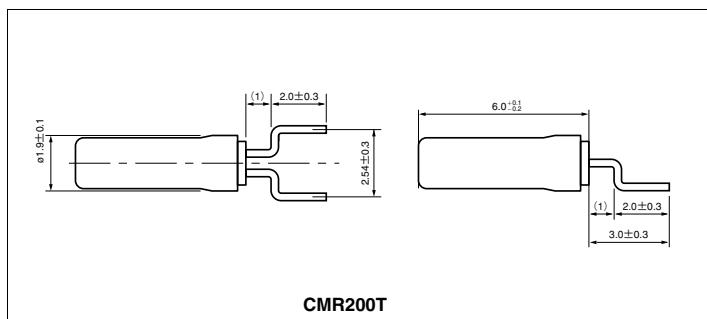
2000pcs/reel



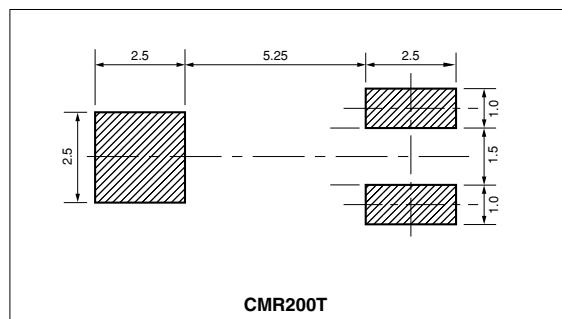
■ FEATURES

- 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}	$-40^\circ\text{C} \sim +85^\circ\text{C}$	
Storage Temperature Range	T_{STR}	$-55^\circ\text{C} \sim +125^\circ\text{C}$	
Turnover Temperature	T_M	$25^\circ\text{C} \pm 5^\circ\text{C}$	
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	$1 \mu\text{W}$ Max.	
Aging (first year)	$\Delta f/f_0$	$\pm 3\text{ppm}$ Max.	$25^\circ\text{C} \pm 3^\circ\text{C}$
Shunt capacitance	C_0	1.35pF Typ. 1.35pF Typ.	

Mouser Electronics

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