

CMT105

Features

ultra-miniature size
 ± 5 PPM typical 1st year
 photolithography technology
 excellent anti-shock holding
 lead configuration and width for easy mounting

Applications

Bluetooth
 GPS / GSM / HDD
 WLAN Gadget

Specifications

Item:	CMT105
Nominal frequency:	32.768kHz
Frequency Tolerance	± 20 ppm
Frequency vs.Temp Characteristics:	
Turnover Temp:	$25^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Temp Coefficient:	$-0.034 \pm 0.006 \text{ppm}/^{\circ}\text{C}^2$
Operating Temp Range:	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Storage Temp Range:	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Quality Factor:	90,000TYP
Equivalent series resistance:	45k Ω MAX.
Load Capacitance	12.5pF TYP
Motional Capacitance	0.0035pF TYP
Shunt Capacitance	1.35pF TYP
Drive Level	1 μ W MAX
Insulation Resistance	500M Ω MIN.
Aging (First Year)	± 3 ppm MA

