

# TUNING FORK CRYSTAL UNIT (SMD · Ceramic Package)

#### **RoHS compliant / Pb free**

# CM212H

3000pcs/reel



# DIMENSION [mm]



### **FEATURES**

- •Tuning fork crystal with ceramic packaged type.
- •High-density SMD type Ultra-light weight with ultra-miniature packaging. High-stability assured with tight vacuum sealing.
- •Most appropriate for portable devices and mobile telecommunications devices.



## **STANDARD SPECIFICATIONS**

Item	Model	СМ212Н	Conditions
Nominal Frequency	fo	32.768kHz	
Frequency Tolerance	$\triangle f/f_0$	±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℃	
Temperature Coefficient	β	-0.033±0.003ppm/°C <sup>2</sup>	
Motional (series) resistance	R1	70K Ω Max.	at 25°C
Level of drive	DL	1.0 <i>µ</i> W Max.	
Aging (first year)	$\triangle f/f_0$	±3ppm Max.	25°C±3°C
Shunt capacitance	Co	1.3pF Typ.	