

TUNING FORK CRYSTAL UNIT (SMD • Ceramic Package)

RoHS compliant / Pb free

CM315D

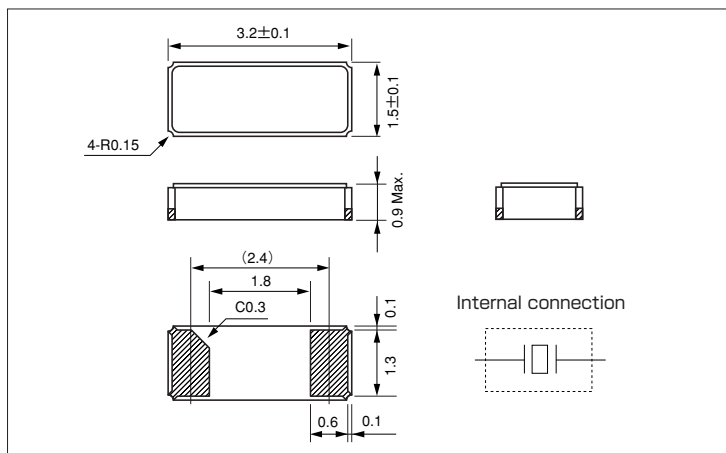
3000pcs/reel



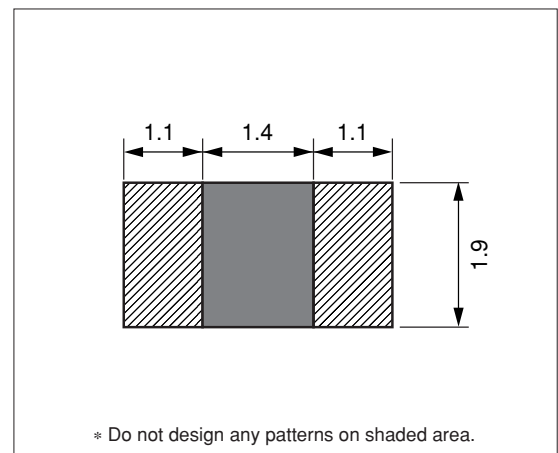
FEATURES

- 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.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

Item	Model	CM315D	Conditions
Nominal Frequency	f_0	32.768kHz	
Frequency Tolerance	$\Delta f/f_0$	±20ppm	at 25°C
Load capacitance	C_L	9.0pF, 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±0.006ppm/°C ²	
Motional (series) resistance	R_1	70KΩ Max.	at 25°C
Level of drive	D_L	1 μW Max.	
Aging (first year)	$\Delta f/f_0$	±3ppm Max.	25°C ±3°C
Shunt capacitance	C_0	0.95pF Typ.	