CITIZEN Micro HumanTech

TUNING FORK CRYSTAL UNIT (SMD · Ceramic Package)

RoHS compliant / Pb free

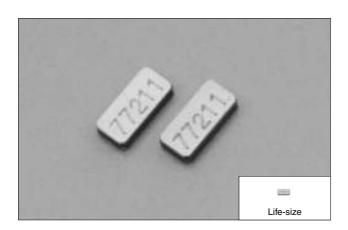
CM315

FEATURES

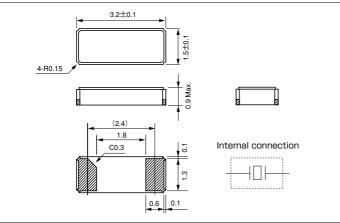
• High-density SMD type

telecommunications devices.

3000pcs/reel



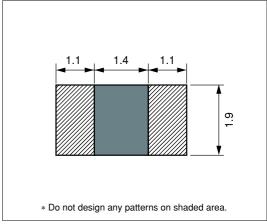
DIMENSION [mm]



SOLDER PAD LAYOUT [mm]

• Tuning fork crystal with ceramic packaged type.

Ultra-light weight with ultra-miniature packaging. High-stability assured with tight vacuum sealing.Most appropriate for portable devices and mobile



STANDARD SPECIFICATIONS

Item	Model	CM315	Conditions
Nominal Frequency	fo	32.768kHz	
Frequency Tolerance	△ f/fo	±20ppm	at 25°C
Load capacitance	CL	9.0pF, 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	-0.034±0.006ppm/°C ²	
Motional (series) resistance	R1	70KΩMax.	at 25°C
Level of drive	DL	1 μ W Max.	
Aging (first year)	_ f/fo	±3ppm Max.	25℃±3℃
Shunt capacitance	Co	0.95pF Typ.	