

TUNING FORK CRYSTAL UNIT (SMD · Ceramic Package)

RoHS compliant / Pb free

CM315DL

3000pcs/reel



DIMENSION [mm]



FEATURES

- •Tuning fork crystal with ceramic packaged SMD type for low current consumption IC.
- •Reduced motional resistance by 30% compared with existing models.
- •Most appropriate for portable devices, mobile telecommunication devices and wearable devices.

SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

ltem	Model	CM315DL	Conditions
Nominal Frequency	fo	32.768kHz	
Frequency Tolerance	$\triangle f/fo$	±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°C±5°C	
Temperature Coefficient	β	-0.034±0.006ppm/°C ²	
Motional (series) resistance	R1	50KΩMax.	at 25°C
Level of drive	DL	0.5 <i>µ</i> W Max.	
Aging (first year)	$\triangle f/f_0$	±3ppm Max.	25°C±3°C
Shunt capacitance	Co	1.30pF Typ.	