

KYOCERA Tunning Fork Crystal units "DT3215DB series"
Tentative spec sheet

KYOCERA Part Number : DT3215DB32768H5HPWAA(CL=12.5pF)
DT3215DB32768E0HPWAA(CL=9.0pF)
DT3215DB32768C0HPWAA(CL=7.0pF)

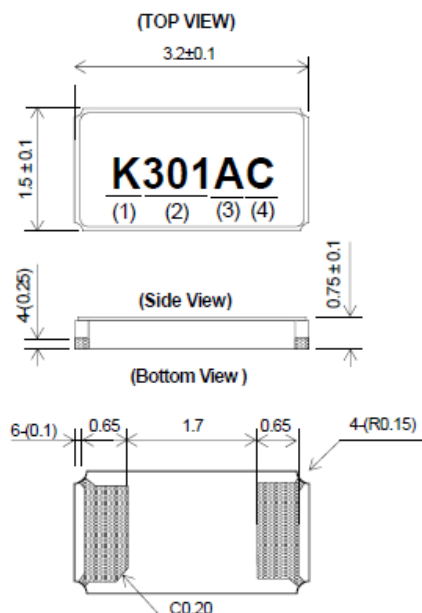
Electrical Characteristics

No.	Item	Symbol	Unit	Min.	Typ.	Max.	Notes
1	Package area	-	mm ²	3.2×1.5			
2	Nominal Frequency	f ₀	kHz	32.768			Ta = 25℃
3	Frequency Tolerance	df/f ₀	ppm	-20	-	20	Ta = 25℃ ± 3℃
4	Load Capacitance	CL	pF	-	12.5/9.0/7.0	-	
5	Equivalent series resistance	R ₁	kΩ	-	-	50	
6	Q-Value	Q		-	39000	-	
7	Motional capacitance	C ₁	fF	-	3.6	-	
8	Shunt capacitance	C ₀	pF	-	1.3	-	
9	Turning point	T _p	℃	20	25	30	
10	Secondary temperature Coefficient	K	10 ⁻⁶ /C ²	-	-	-0.04	
11	Aging	df/F	ppm/year	-3	-	3	Ta = 25℃
12	Drive level	DL	uW	-	0.2	1.0	
13	Insulation resistance(between electrodes)	IR	MΩ	500			DC 100 ± 15V

Appearances, Dimensions

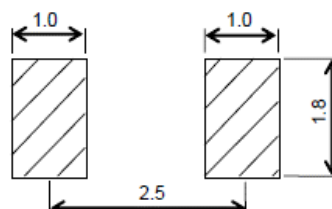
Outline Dimensions(not to scale)

Unit : mm



Recommended Land Pattern

Unit : mm

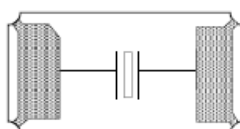


Marking

- (1) Identification : K
- (2) Date Code (3 Digits) : Last 1 digit of year and week Code.
(Ex) 2024.Jan.1 ' 401
- (3) Load Capacitance : 12.5pF : A / 9.0pF : B / 7.0pF : C
- (4) Manufacturing Location : Overseas "C"

*The font of marking above is for reference purpose.

CONNECTION (TOP VIEW)



KYOCERA Corporation
Corporate Electronic Components Group
Electronic Device Division