

1. Device Name

Crystal Resonator
2. Model Name

DST1610A
3. Nominal Frequency

32.768 kHz
4. Device Summary

Mass

0.0024 g max.

Pb-free

Yes

RoHS Compliant

AEC-Q200 Compliant

5. Electrical Characteristics

Item	Limits			unit	Conditions	Notes
	min.	Typ.	max.			
Overtone Order	Fundamental					
Load Capacitance	-	6	-	pF		
Frequency Tolerance	-20	-	20	ppm	T _A = +25℃	
Drive Level	-	0.1	0.5	uW		
Series Resistance	-	-	80	kΩ		
Turnover Temperature	20	25	30	℃		
Parabolic Coefficient	-	-	-0.04	ppm/℃ ²		
Operating Temperature Range	-40	-	125	℃		
Storage Temperature Range	-40	-	125	℃		
Shunt Capacitance(C0)	-	1.6	-	pF		
Insulation Resistance	500	-	-	MΩ		
Aging(ref. +25 deg.C)	-5	-	5	ppm	1 year	

6. DIMENSIONS AND MARKING

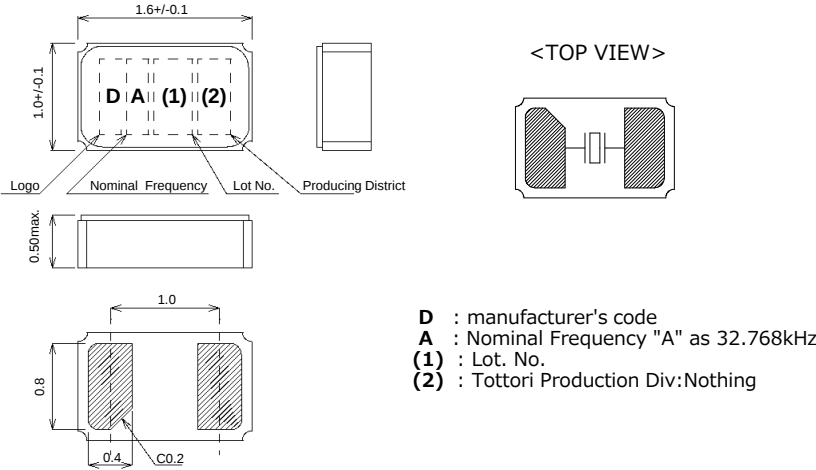


Fig.-1

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