

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	-	8	-	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		

6. DIMENSIONS AND MARKING

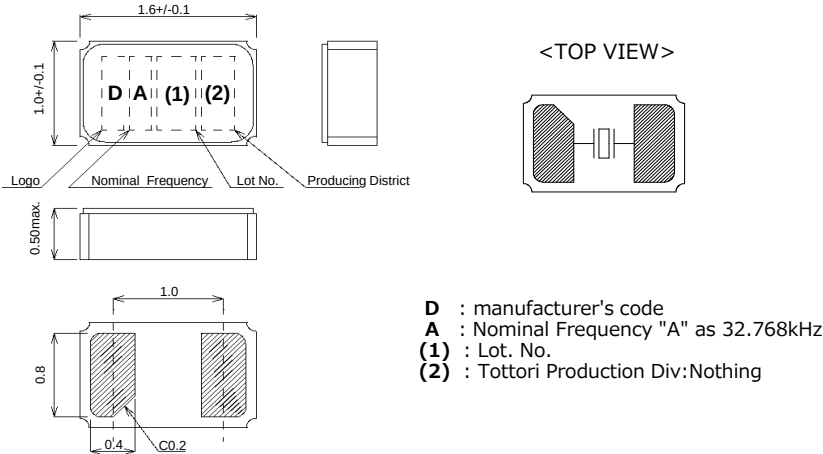


Fig.-1

TITLE DST1610A TYPE SPECIFICATION	REMARK P2024-2422		
DATE 2024/9/6	SPEC. No.	REV.	PAGE 1 / 1