

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	-	9	-	pF		
Frequency Tolerance	-20	-	20	ppm	$T_A = +25^{\circ}\text{C}$	
Drive Level	-	0.1	0.5	uW		
Series Resistance	-	-	80	k Ω		
Turnover Temperature	20	25	30	$^{\circ}\text{C}$		
Parabolic Coefficient	-	-	-0.04	ppm/ $^{\circ}\text{C}^2$		
Operating Temperature Range	-40	-	125	$^{\circ}\text{C}$		
Storage Temperature Range	-40	-	125	$^{\circ}\text{C}$		
Shunt Capacitance(C0)	-	1.6	-	pF		
Insulation Resistance	500	-	-	M Ω		
Aging(ref. +25 deg.C)	-5	-	5	ppm	1 year	

6. DIMENSIONS AND MARKING

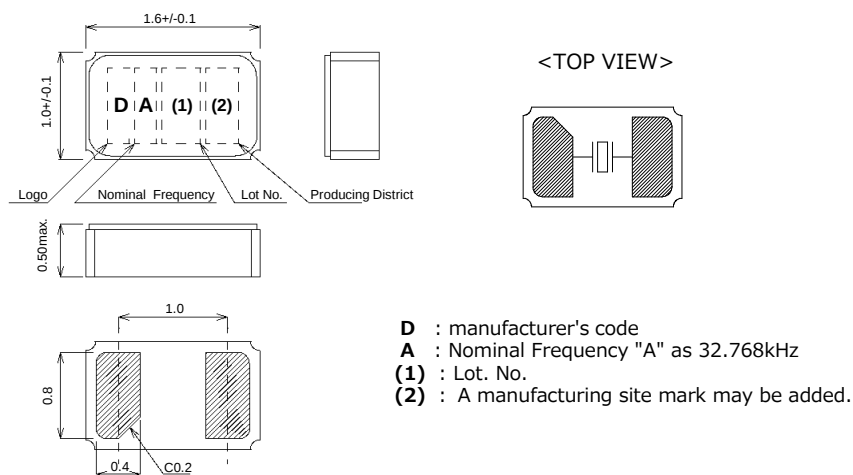


Fig.-1

TITLE DST1610A TYPE SPECIFICATION	REMARK P2025-2150		
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