

Customer Code: _____

DATASHEET

DAPU P/N: **D32-32.768MHz** **JGX123276800**

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2018.05.08			

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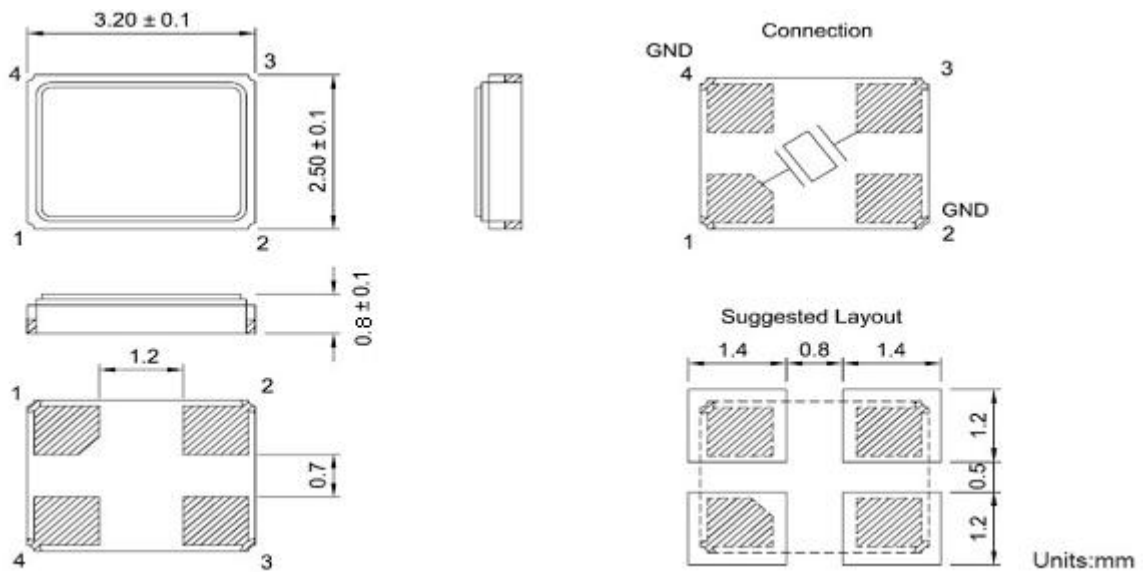


1.Electrical Parameters

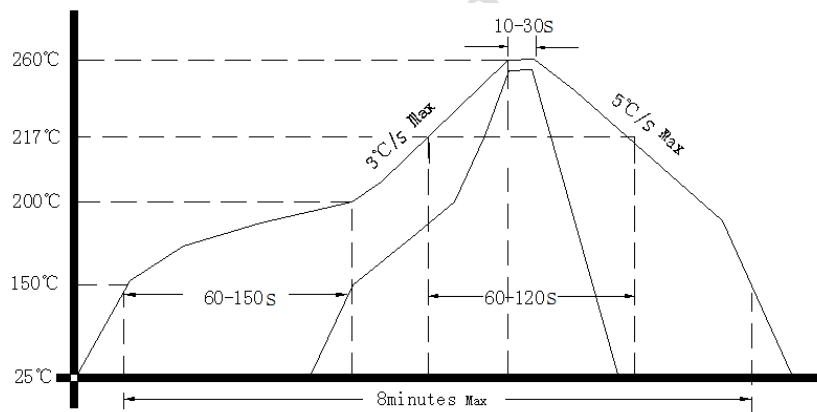
MODEL: D32-32.768MHZ							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	32.768			MHz	
2	Mode of Vibration	-	Fundamental			-	
3	Load Capacitance	CL	7			pF	
4	Frequency Tolerance		-20	-	+20	$\times 10^{-6}$	At $25 \pm 3^\circ\text{C}$
5	Frequency Stability	TC	-20		+20	$\times 10^{-6}$	
6	Aging		-3	-	+3	$\times 10^{-6}$	First Year
7	Drive Level	DL	-	10	-	uW	
8	Effective Series Resistance	ESR	-	-	60	Ω	
9	Shunt Capacitance C0				5	pF	
10	Insulation Resistance	-	500	-	-	M Ω	At 100VDC
11	Operating Temperature Range	TOPR	-20	-	70	$^\circ\text{C}$	
12	Storage Temperature Range	TSTG	-40	-	85	$^\circ\text{C}$	
13	ESD Level	Human Body Model,class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010.					
		Machine Model, class B: 200V to 400V; ANSI/ESDA/JEDEC JS-001-2010.					
14	Moisture Sensitivity Level	Not humidity sensitive.					
15	Fine leak test	He Bombing 2bar For 2HRs,Criterion: $\leq 1 \times 10^{-9}$ Pa.m ³ /s. IEC 60068-2-17 Qk					
16	Vibration	Test Condition: 0.75mm ;acceleration:10g;10Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X ,Y , Z) .IEC 68-2-06 Test Fc.					
17	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y , Z),IEC 68-2-27 Test Ea/Severity 50A.					
18	Full Package Storage	Relative humidity (%)		20%~70%			
		Temperature ($^\circ\text{C}$)		-10~35 $^\circ\text{C}$			



2. Mechanical Structure (mm)



3. Reflow Soldering Curve (RoHS)



4. Package: Tape & Reel (mm)

