

Customer Code: _____

DATASHEET

DAPU P/N: DP7C49152001

Y53NNM49152

DAPU			Customer Approval
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2015.12.21			

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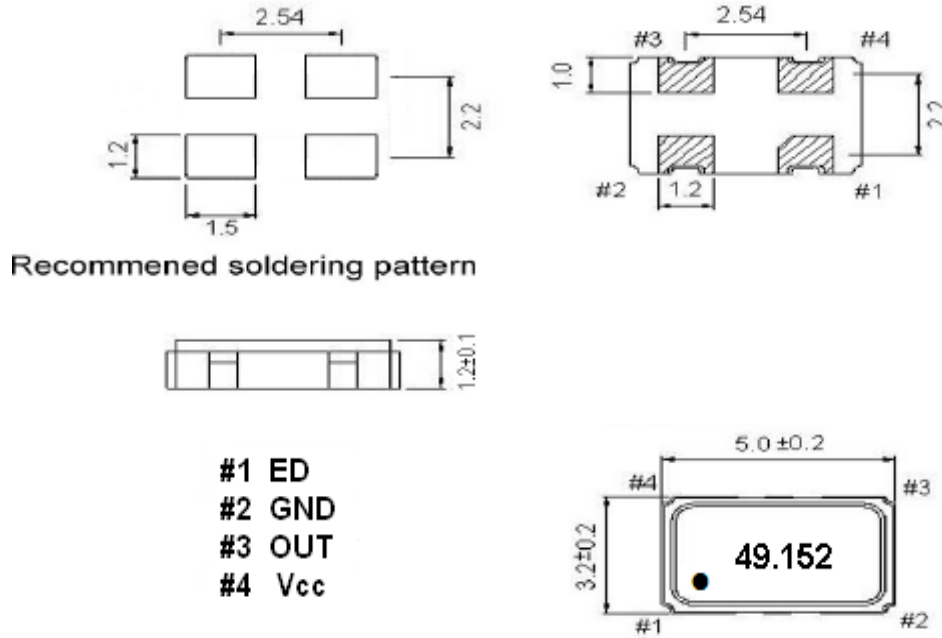


1、Electrical Parameters

MODEL: DP7C49152001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	49.152			MHz	
2	Output Waveform		CMOS				
3	Frequency Stability	-	-30		+30	$\times 10^{-6}$	@25°C, Overall
4	Operating Temperature	Topr	-40	~	+85	°C	
5	Storage Temperature	Tstg	-55	~	+125	°C	
6	Supply Voltage	VDD	3.15	3.3	3.45	V	
7	Input Current	Icc	-	-	10	mA	At maximum supply voltage
8	Output Symmetry	-	45	50	55	%	
9	Start Time	-			2	ms	
10	Output Load:	CL	15			pF	
11	Aging	-	-3	-	+3	$\times 10^{-6}/\text{yr}$.	1st. Year at 25°C
12	Output Voltage High	VoH	2.97	-	-	V	
13	Output Voltage Low	Vol	-	-	0.33	V	
14	Rise Time	Tr	-	-	200	ns	
15	Fall Time	Tf	-	-	200	ns	
16	E /D	-	Pin1				
17	Output Active	-	Or Floating			V	
18	Output in High-Impedance state	-			0.99	v	
19	Phase Noise	-			-95	dBc/Hz	100Hz
20		-			-135		1KHz
21		-			-145		10KHz
22		-			-151		100KHz
23	Vibration Test	MIL-STD-883 2007 Condition A			10~2000Hz, 1.52mm, 20g, each axis for 4 hrs		
		JESD22-B103 Condition 1					
24	Thermal Shock	MIL-STD-883 1010 Condition B			55°C, 125°C; soak time is 10 mins, with total 200 cycles		
		JESD22-A104 Condition B					
25	Mechanical Shock	MIL-STD-883 2002 Condition B			1500G, half-sine, 0.5ms, each axis for 3 times.		
		JESD22-B104 Condition B					

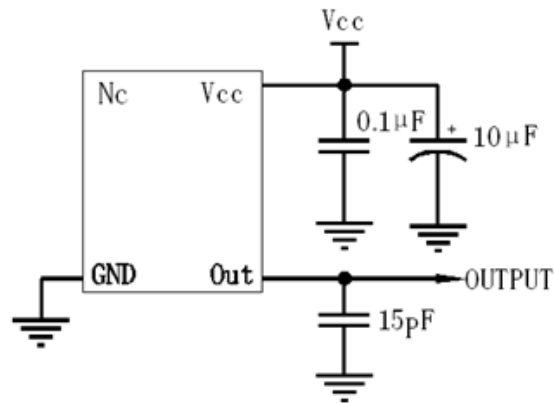


2、Mechanical Structure(mm)



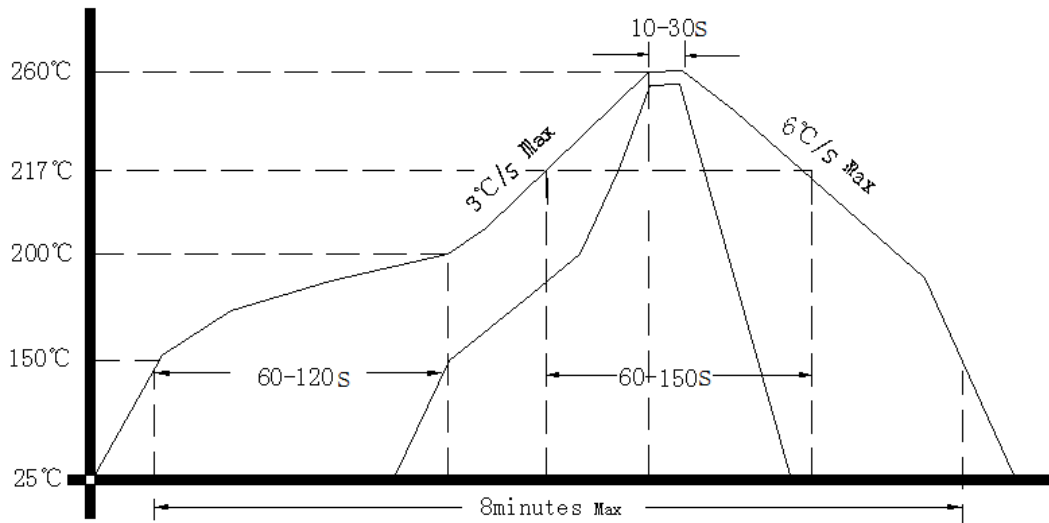
Note1: Tolerance $\pm 0.2\text{mm}$ without mark

3、Test circuit





4、 Reflow Soldering Curve (RoHS)



5、 Package: Tape & Reel (mm)

