

Customer Code: \_\_\_\_\_

# DATASHEET

DAPU P/N: DP7C45158001

Y53NNM45158

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

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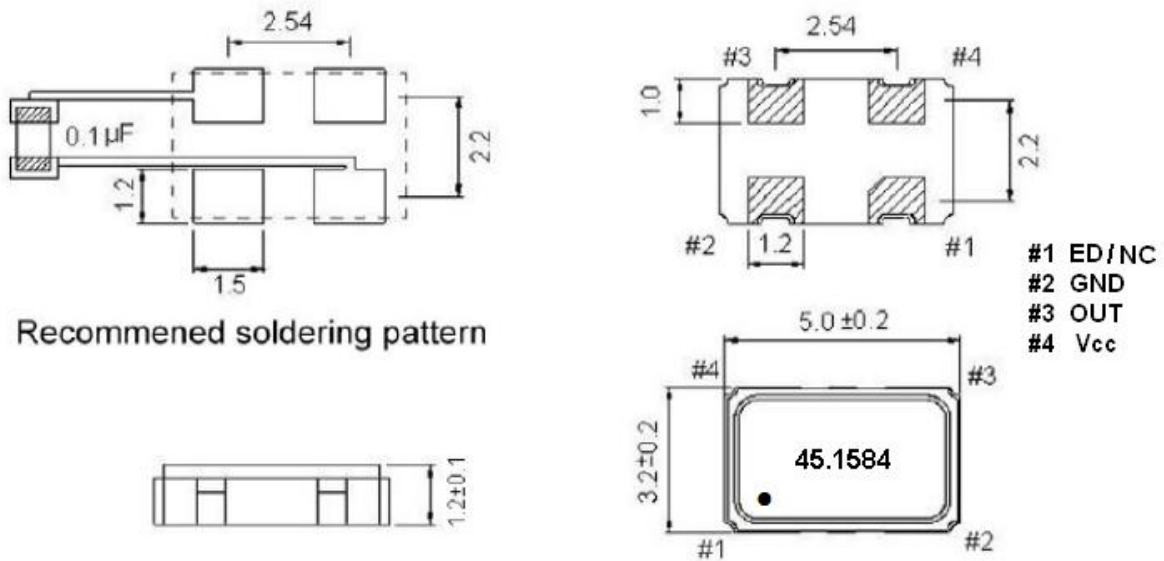


## 1、Electrical Parameters

MODEL: DP7C45158001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	45.1584			MHz	
2	Output Waveform		HCMOS				
3	Frequency Stability	-	-30		+30	$\times 10^{-6}$	
4	Operating Temperature	Topr	-20	~	+70	°C	
5	Storage Temperature	Tstg	-40	~	+85	°C	
6	Supply Voltage	VDD	3.3±10%			V	
7	Input Current	Icc	-	-	35	mA	
8	Output Symmetry	-	40	~	60	%	
9	Output Load:	CL	15			pF	
10	Aging	-	-3	-	+3	$\times 10^{-6}/\text{yr}$ .	1st. Year at 25°C
11	Logic "0" Level	-	-	-	0.1VDD	V	
12	Logic "1" Level	-	0.9VDD	-	-	V	
13	Rise Time	Tr	-	-	5	ns	
14	Fall Time	Tf	-	-	5	ns	
15	Start-up Time	-			10	ms	
16	Shock (Random Drop)	Height: 75mm; Dropped Time: 3; Rigid Hardwooe Surface (30mm) .					
17	Vibration	Frequency: 10Hz-55Hz; Amplitude: 1.5mm; Period:About: 1min; Test time: X,Y,Z each direction 2h . *JIS C 6701 10.2					
18	Leakage	Gross leak: Air leak test *JIS C 6701 10.2				Leak rate 1.3*10-5Pa.m 7sMAX	
		Fine leak: Helium leak test				Leak rate 5.0*10-8Pa.m 7sMAX	

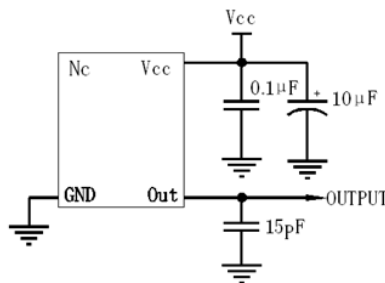


## 2、Mechanical Structure(mm)

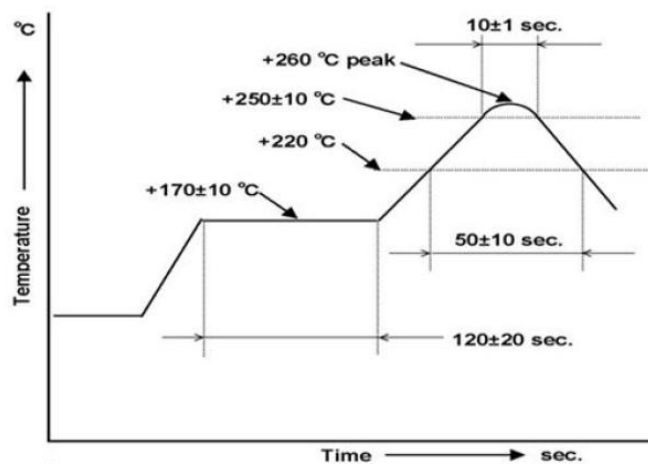


Note1: Tolerance ±0.2mm without mark

## 3、Test circuit



## 4、Reflow Soldering Curve (RoHS)





### 5、 Package: Tape & Reel (mm)

