

Customer Code : _____

DATASHEET

DAPU P/N: DP7C20480001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2016.07.12			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg16,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

TEL: 0086-0769-88010888 FAX: 0086-0769-81800098

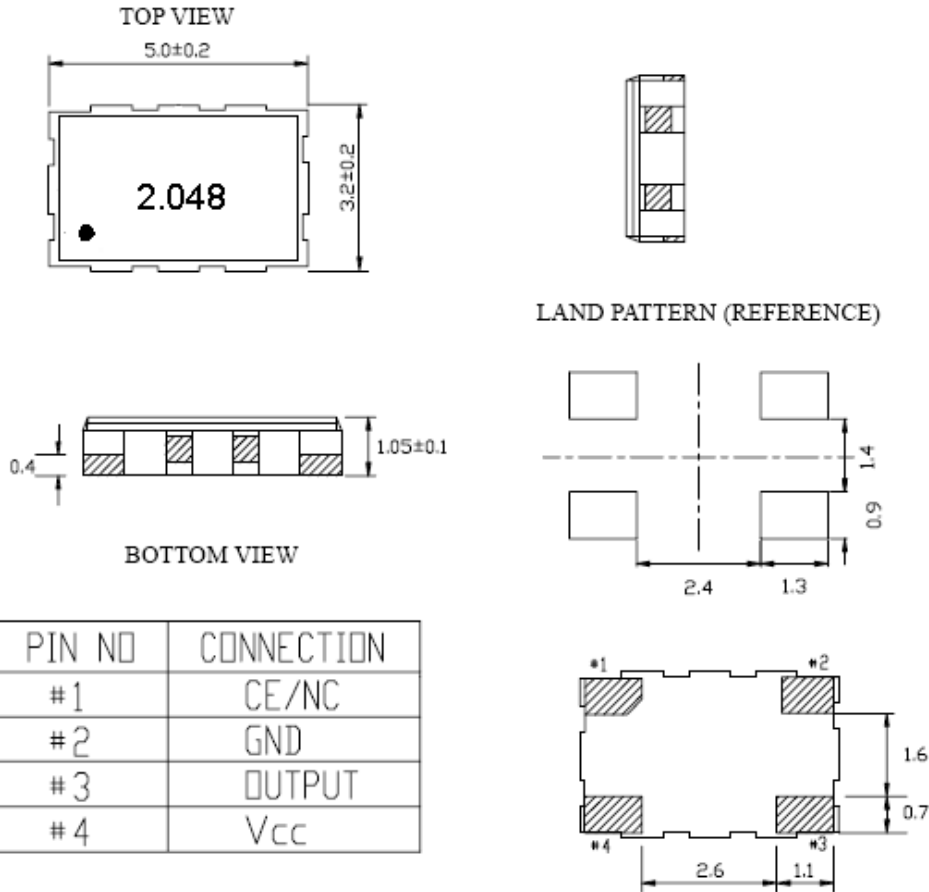


1、Electrical Parameters

MODEL: DP7C20480001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	2.048			MHz	
2	Output Waveform		HCMOS				
3	Output Voltage High	VoH	2.7			V	
4	Output Voltage Low	Vol			0.3	V	
5	Duty Cycle	D.C	45	50	55	%	@1.65V
6	Output Load	L _{LOAD} -C	15			pF	
7	Rise/Fall Time	Tr/Tf			5	ns	
8	Frequency Stability	vs Tolerance	-1		+1	$\times 10^{-6}$	@25±3℃ Sixty minutes after reflow
		vs Temperature	-2		+2	$\times 10^{-6}$	
		vs Supply voltage	-0.1		+0.1	$\times 10^{-6}$	
		vs Load	-0.2		+0.2	$\times 10^{-6}$	
9	Operating Temperature	T-opr	-40		+85	℃	
10	Storage Temperature	T-stg	-40		+85	℃	
11	Supply Voltage	VCC	3.135	3.3	3.465	V	
12	Current Consumption	Icc			5	mA	
13	Reflow shift		-1		+1	$\times 10^{-6}$	
14	Aging		-1		+1	$\times 10^{-6}$ /year	@25±5℃
			-3		+3	$\times 10^{-6}$ /10year	@25±5℃
15	Start-up Time				10	ms	@+3.135V
16	Tri-state	Vih	2.31		Vcc	V	Oscillation Enable
17	Tri-state	Vil	GND		0.99	V	Oscillation Disable
18	SSB Phase Noise	Phase Noise @25℃		-60		dBc/Hz	1Hz
				-90			10Hz
				-110			100Hz
				-125			1kHz
				-135			10kHz
				-140			100kHz
19	Vibration Test	MIL-STD-883 2007 Condition A			10~2000Hz, 1.52mm, 20g, each axis for 4 hrs		
		JESD22-B103 Condition 1					
20	Thermal Shock	MIL-STD-883 1010 Condition B			-55℃, 125℃; soak time is 10 mins, with total 200 cycles		
		JESD22-A104 Condition B					
21	Mechanical Shock	MIL-STD-883 2002 Condition B			1500g half-sine, 0.5ms, each axis for 3 times.		
		JESD22-B104 Condition B					

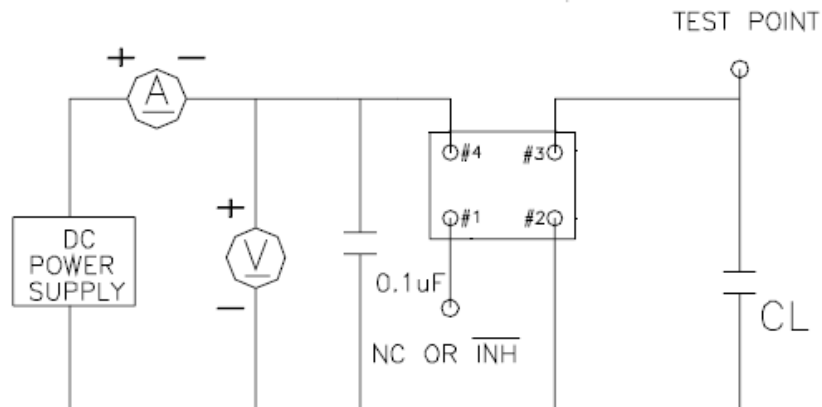


2、 Mechanical Structure(mm)



unit:mm

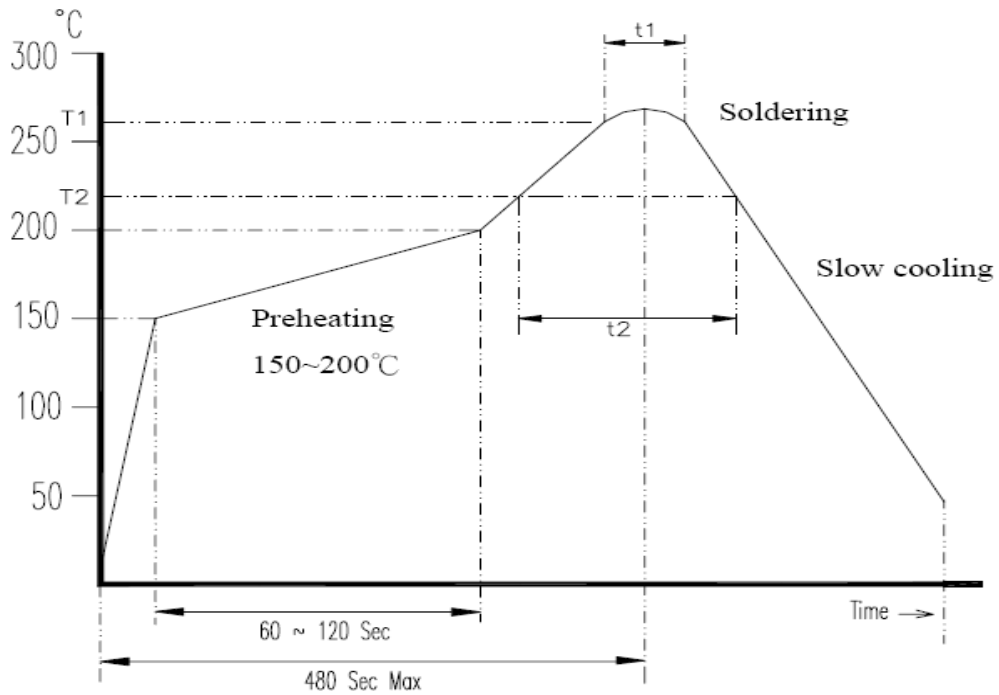
3、 Test Circuit



* CL= pF(INCLUDING PROBE AND JIG CAPACITANCE)



4、Reflow Soldering Curve (RoHS)



5、Package: Tape & Reel (mm)

