

Travelling Merchant: _____

DATASHEET

Standard: DP7X12000006

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2018.05.22			

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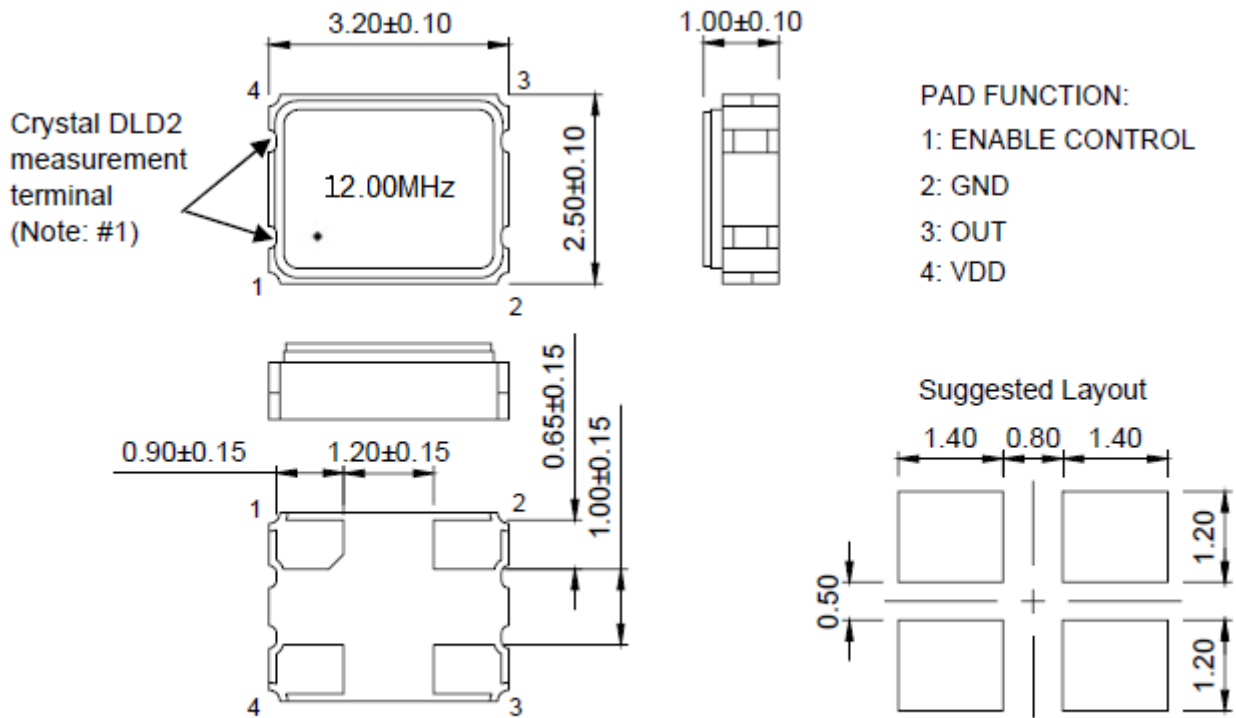


1、Electrical Parameters

MODEL: DP7X12000006							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	12.00			MHz	
2	Frequency Stability	-	-15		+15	ppm	At 25°C
3	Operating Temperature	Topr	-40		85	°C	
4	Storage Temperature	Tstg	-55	~	125	°C	
5	Supply Voltage	VDD	3.3			V	
6	Input Current	Icc	-	-	5	mA	
7	Enable Control	-	Yes			-	
8	Output Load: CMOS	CL	15			pF	
9	Output Voltage High	VoH	90%Vdd	-	-	V	
10	Output Voltage Low	Vol	-	-	10%Vdd	V	
11	Rise Time	Tr	-	-	5	ns	10%-90%VDD Level
12	Fall Time	Tf	-	-	5	ns	90%-10%VDD Level
13	Symmetry (Duty ratio)	TH/T	45	~	55	%	
14	Start-up Time	Tosc	-	-	10	ms	
15	Aging		-3		+3	ppm	1st Years
16	Current Consumption				10	mA	
17	Storage Current Consumption				10	uA	

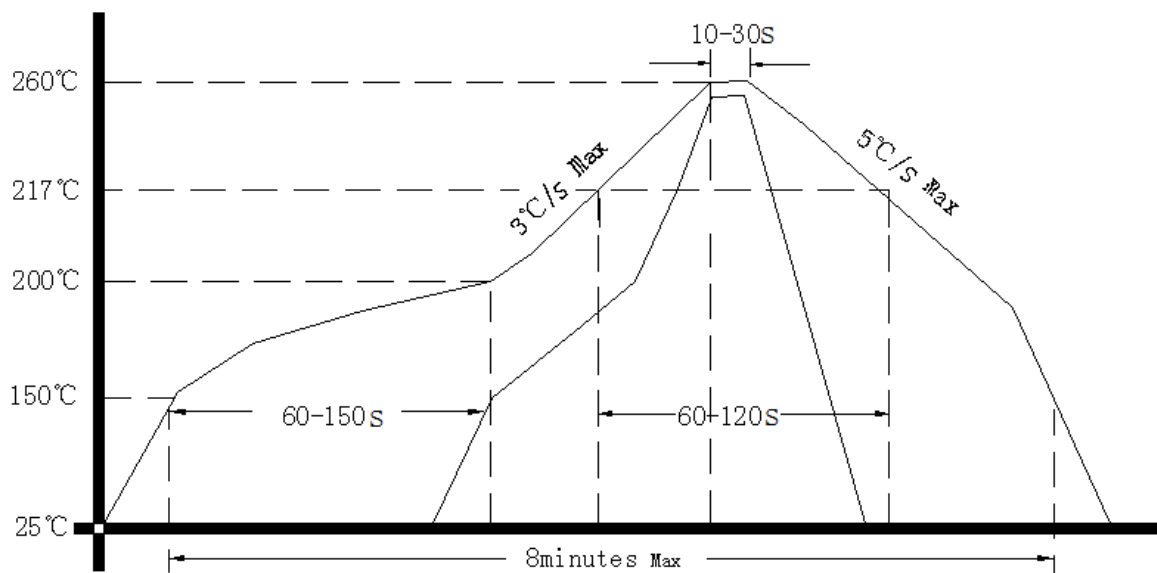


2、Mechanical Structure(mm)



Note: #1. DLD2 / Drive Level Dependency 2 Maximum resistance minus minimum resistance.

3、Reflow Soldering Curve (RoHS)





4、 Reliability Specifications

1.MECHANICAL ENDURANCE

No.	Test Item	Test Methods	
1	Drop Test	75 cm height, fall freely onto stainless plate 3 times.	JIS C6701
2	Mechanical Shock	Device are shocked to half sine wave (1000 G) three mutually pendicular axes each 3 times. 0.5m sec. duration time	MIL-STD-202F
3	Vibration	Frequency range 10 ~ 2000 Hz Amplitude 1.52 mm Pendicular axes each test time 4 hours (Total test time 12 hours)	MIL-STD-883E
4	Solderability	Temperature 215 °C +/- 5 °C Immersing depth 0.5 mm minimum Immersion time 10 +/- 0.5 seconds Flux Rosin resin methyl alcohol solvent (1 : 4)	MIL-STD-883E
5	Resistance To Soldering Heat	Pre-heat temperature 125 °C Pre-heat time 60 ~ 120 sec. Test temperature 260 +/- 5 °C Test time 5 +/- 1 sec.	MIL-STD-202F

2.ENVIRONMENTAL ENDURANCE

No.	Test Item	Test Methods	
6	High Temp. Storage	+ 125 °C +/- 3 °C for 500 +/- 12 hours	MIL-STD-883E
7	Low Temp. Storage	- 40 °C +/- 3 °C for 500 +/- 12 hours	MIL-STD-883E
8	Thermal Shock	Total 100 cycles of the following temperature cycle 1 cycle 125 +/- 3 °C 25 °C -55 +/- 3 °C 30 min. 10 min. max. 30 min.	MIL-STD-883E
9	High Temp&Homidity	85°C±3°C, RH 85%,500Hrs	JIS C5023
10	Low Temp. Operation	- 40°C, VCC, for 1000 hours	MIL-STD-883E
11	Pressure Cooker Storage	120 +/- 3°C, RH100%, 2 bar, for 240 hours	JIS C6701