

Travelling Merchant: _____

DATASHEET

Standard: **DP7X1000005**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2016.08.15			

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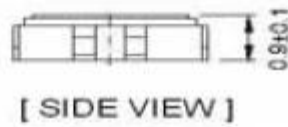
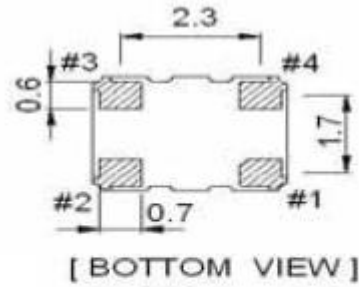
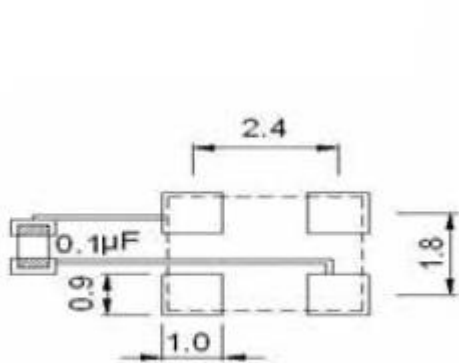


1、 Electrical Parameters

MODEL: DP7X1000005							
No	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	10.00			MHz	One frequency-division
2	Supply Voltage	VDD	3.16	3.3	3.44	V	
3	Current consumption				2	mA	
4	Output Level		0.8		2	V _{p-p}	
5	Output Waveform		Clipped Sine wave			-	
6	Standard Output Load		10KΩ//10pF			-	
7	Frequency Stability	vs. Tolerance	-2.0		+2.0	× 10 ⁻⁶	After 1 times reflow
8		vs. Temperature	-2.0		+2.0	× 10 ⁻⁶	@25°C
9		vs. Load	-0.2		+0.2	× 10 ⁻⁶	Load:1KΩ//5Pf , ±10% each
10		vs. Supply Voltage	-0.2		+0.2	× 10 ⁻⁶	+3.3 V +/-5%.
11	Frequency slope of perturbations		-0.1		+0.1	× 10 ⁻⁶ /°C	Minimum of 1 frequency reading every 2°C, over -40°C to +85°C
12			-0.2		+0.2	× 10 ⁻⁶ /°C	Minimum of 1 frequency reading every 2°C, over -40°C to +85°C
13	Operating Temperature Range		-30		+75	°C	
14	Storage temperature		-40		+85	°C	
15	Start Up Time				2.0	ms	@90% of final V _{out} level
16	Aging		-1.0		+1.0	× 10 ⁻⁶ /year	T _A =Room ambient
17	Phase Noise				-110	dBc/H	@ 100Hz Offset
18					-135		@ 1KHz Offset
19					-145		@ 10KHz Offset
20	Vibration Test	MIL-STD-883 2007 Condition A JESD22-B103 Condition 1		10~2000Hz, 1.52mm, 20G, each axis for 4 hrs			
	Thermal Shock	MIL-STD-883 1010 Condition B JESD22-A104 Condition B		-55°C, 125°C; soak time is 10 mins, with total 200 cycles			
	Mechanical Shock	MIL-STD-883 2002 Condition B JESD22-B104 Condition B		1500G, half-sine, 0.5ms, each axis for 3 times.			

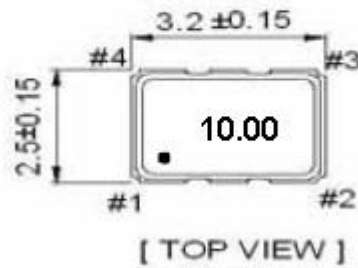


2、Mechanical Structure(mm)



PIN FUNCTIONS

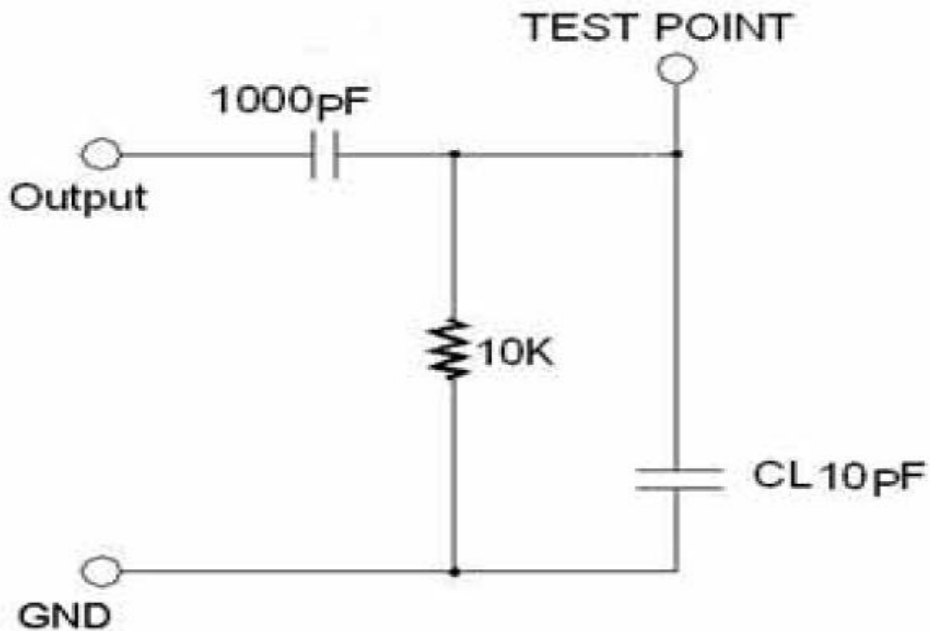
Pin	Function
#1	GND / NC
#2	GND
#3	Output
#4	V _{DD}



Note1: Tolerance $\pm 0.2\text{mm}$



3、 Test Circuit



4、 Package: Tape & Reel (mm)

Unit: mm

