

Travelling Merchant: \_\_\_\_\_

# DATASHEET

Standard: DP7W12288001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2017.08.30			

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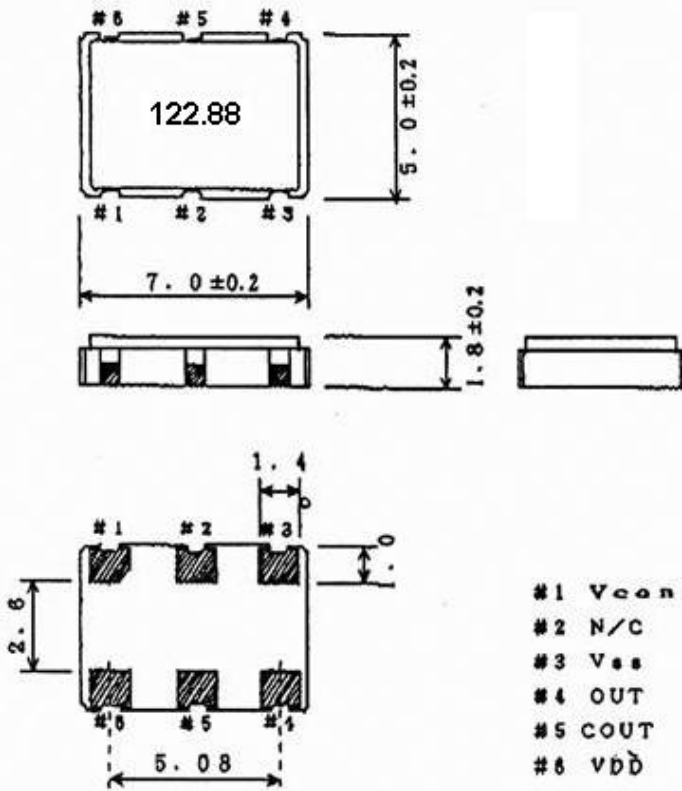


## 1、Electrical Parameters

MODEL: DP7W12288001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	122.88			MHz	
2	Frequency Stability	-	-50	~	+50	$\times 10^{-6}$	
3	Operating Temperature	Topr	0		70	$^{\circ}\text{C}$	
4	Supply Voltage	VDD	3.3 $\pm$ 5%			V	
5	Input Current	Icc	-	-	100	mA	
6	Output Load		50			$\Omega$	Vdd-2.0V
7	Output Voltage High	VoH	Vdd-1.02V	-	-	V	
8	Output Voltage Low	Vol	-	-	Vdd-1.63V	V	
9	Rise/ Fall Time	Tr/ Tf	-	-	1	ns	
10	Symmetry (Duty ratio)	TH/T	40	50	60	%	
11	Frequency Deviation		$\pm 100$	-		$\times 10^{-6}$	
			$\pm 50$			$\times 10^{-6}$	Absolute pull range
12	Control Voltage		1.65 $\pm$ 1.5			V	
13	Jitter				5	ps	Cycle to Cycle jitter RMS, 1 sigma
					1	ps	Phase jitter RMS, 12KHz to 20MHz Band
14	Phase Noise	Phase Noise		-72	-67	dBc/Hz	10Hz
				-107	-102		100Hz
				-130	-125		1KHz
			-	-145	-140		10KHz
			-	-145	-140		100KHz
15	ESD Level	Human Body Model,class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010.					
		Machine Model, class B: 200V to 400V; ANSI/ESDA/JEDEC JS-001-2010.					
16	Moisture Sensitivity Level	Level 2.					
17	Vibration	Test Condition: 0.75mm ;acceleration:10g;10Hz~2000Hz, one cycle per 30 min, test 2 hour. (3 times for each 3 directions X ,Y , Z) .IEC 68-2-06 Test Fc.					
18	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y , Z) ,IEC 68-2-27 Test Ea/Severity 50A.					



## 2、Mechanical Structure(mm)

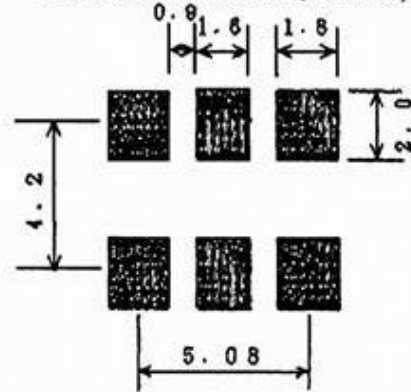


### Enable-disable

input pin #1	output pin #4.#5
H or open	RF-signal
0.7V MIN	
L	HI-Z
0.3V MAX	

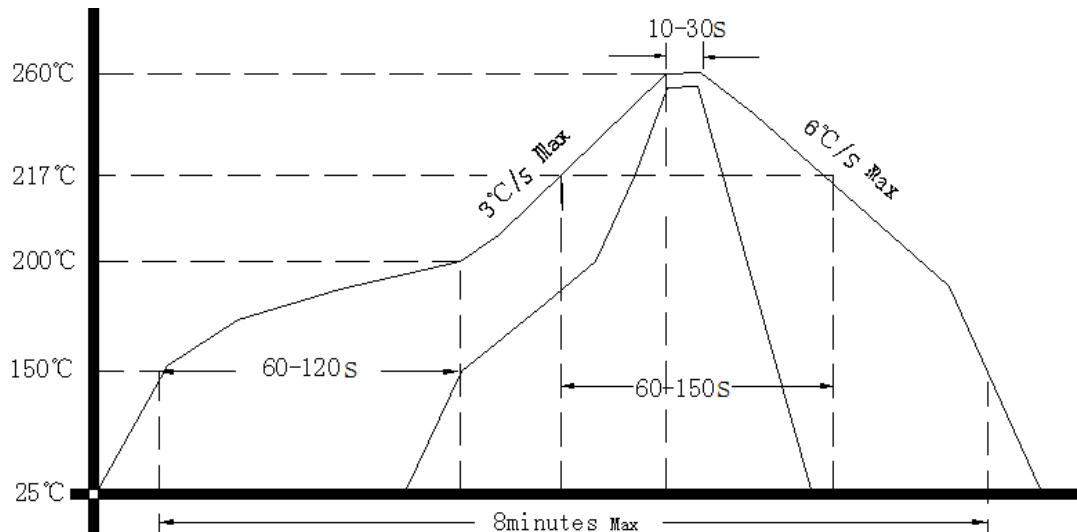
OE Oscillation time : 100ns max

### LAND PATTERN LAYOUT (EXAMPLE)



Note1:Tolerance ± 0.2mm without mark

## 3、Reflow Soldering Curve (RoHS)





#### 4、 Package: Tape & Reel (mm)

