Travelling Merchant:_____

DATASHEET

Standard: **DP7W12500008**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Amway.wei	Carry.Wang	James.Liu	
Date: 2016.07.12			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg13,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

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

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PR China
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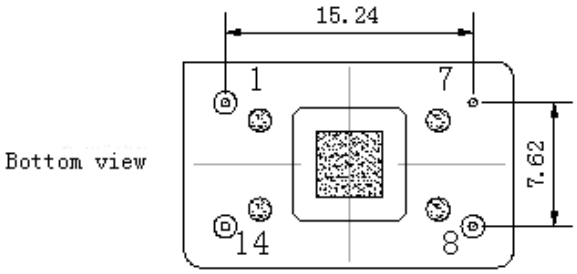
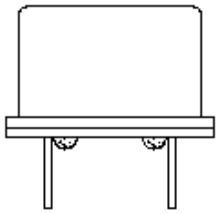
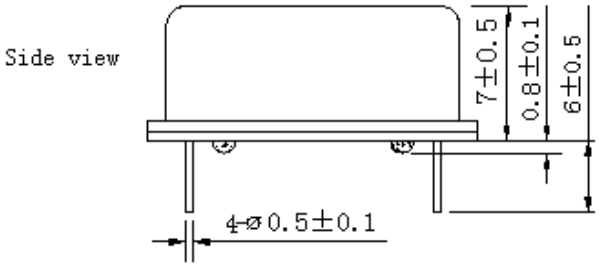
1、Electrical Parameters

MODEL：DP7W12500008							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL		125.00		MHz	
2	Frequency Stability	-	-50		+50	ppm	
3	Operating Temperature	Topr	-10	25	70	℃	
4	Storage Temperature	Tstg	-55	~	125	℃	
5	Supply Voltage	VDD	2.97	3.3	3.63	V	
6	Input Current	Icc	-	-	40	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	-	-	3	ns	10%-90%VDD Level
12	Fall Time	Tf	-	-	3	ns	90%-10%VDD Level
13	Symmetry（Duty ratio）	TH/T	40	~	60	%	
14	Start-up Time	Tosc	-	-	10	ms	
15	Enable Voltage High	Vhi	70%Vdd	-	-	V	
16	Disable Voltage Low	Vlo	-	-	30%Vdd	V	
17	Aging	-		±3		ppm/yr.	1st. Year at 25℃
18	Output Disable Delay Time	T off	-	-	150	μS	
19	Output Enable Delay Time	T on	-	-	150	μS	
20	Drop Test	75 cm height,3 times on concrete floor .					JIS C6701
21	Mechanical Shock	Device are shocked to half sine wave (1000 G) three mutually. perpendicular axes each 3 times. 0.5m sec. duration time					MIL-STD-202
22	Vibration	Frequency range 10 ~ 2000 Hz Amplitude 1.52 mm/20G Sweep time 20 minute perpendicular axes each test time 4 hours (Total test time 12 hours)					MIL-STD-883

2、Mechanical Structure(mm)

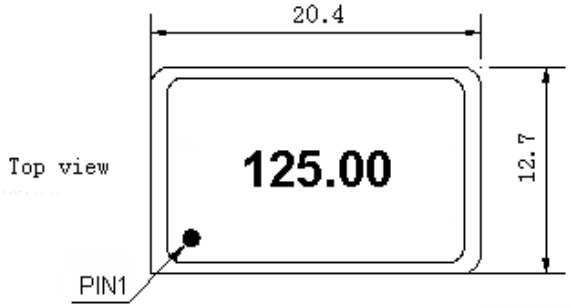






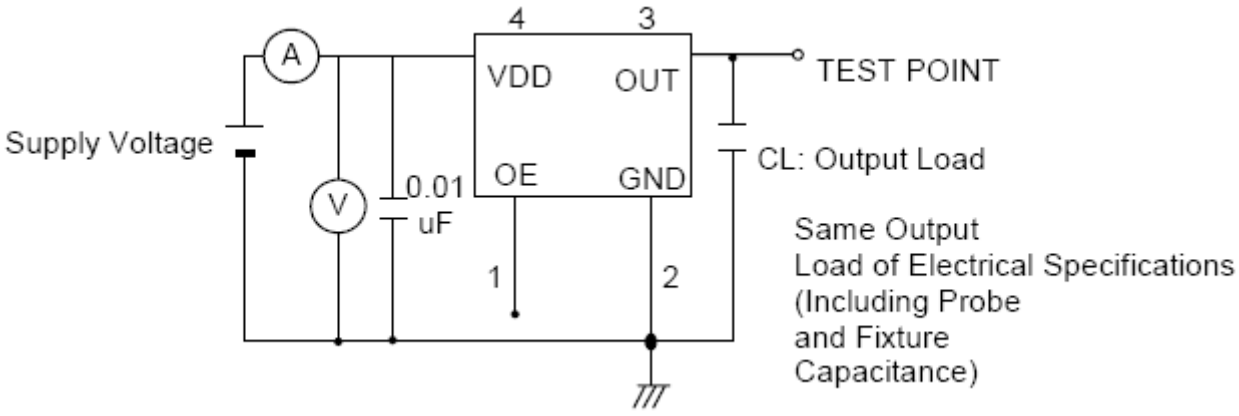
PIN FUNCTION

PIN	NOTATION	FUNCTION
7	GND	GND
8	OUTPUT	RF Output
14	VCC	Supply Voltage



Note1: Tolerance ±0.20mm without mark

3、Test Diagram



Control input (output enable/disable)

Logic 1 or open on pad 1: Oscillator output

Logic 0 on pad 1 : Disable output to high impedance

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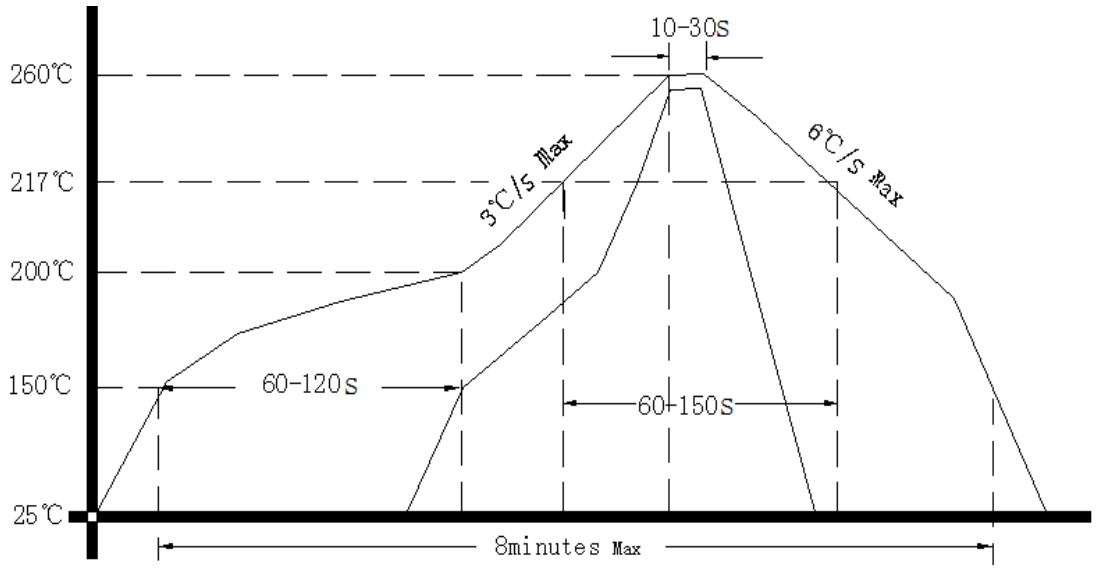
4、Reflow Soldering Curve (RoHS)



Note: If soldering with a hot air gun, ensure the temperature ＜320℃， soldering time ＜15 seconds.

5、Package: Tape & Reel (mm)