

Travelling Merchant: _____

DATASHEET

Standard: DP7Q16370006

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2014.03.19			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg13-16,N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

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



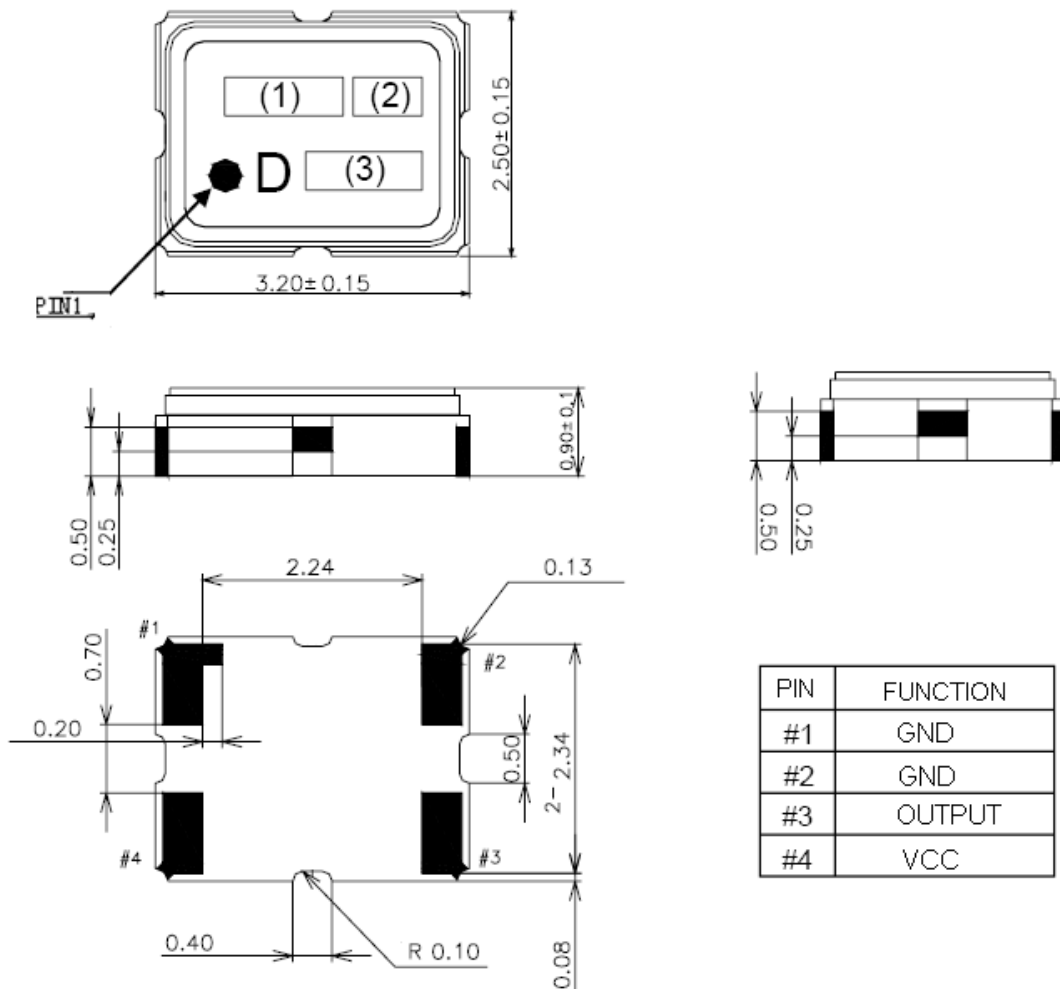
1、 Electrical Parameters

MODEL: DP7Q16370006								
No.	Parameters		SYM.	Electrical Spec.				Notes
				Min.	Typ.	Max.	Units	
1	Nominal Frequency		FL	16.367667			MHz	
2	Supply Voltage		VDD	3.135	3.3	3.465	V	
3	Output Type		-	Clipped Sine wave				
4	Current Consumption		-	-	-	1.5	mA	With standard output load.
5	Output Level		-	0.8	-	-	Vp-p	
6	Standard Output Load		-	10kΩ // 10pF			-	
7	Frequency Stability	vs. Tolerance	-	-0.5	-	+0.5	$\times 10^{-6}$	Initial Tolerance(TA=+25°C)
8			-	-1.0	~	+1.0	$\times 10^{-6}$	After 2 times reflow(TA=+25°C)
9		vs. Temperature	-	-0.5	-	+0.5	$\times 10^{-6}$	@-30°C to +85°C
10		vs. Slope	-	-0.1	-	+0.1	$\times 10^{-6}/^{\circ}\text{C}$	@-30°C to +85°C
11		vs. Load	-	-0.1	-	+0.1	$\times 10^{-6}$	10kΩ //10pF $\pm 10\%$ each
12		vs. Supply voltage	-	-0.1	-	+0.1	$\times 10^{-6}$	Vcc=+3.3V $\pm 5\%$
13	Operating Temperature Range		-	-30	~	+85	°C	
14	Storage Temperature		-	-40	~	+85	°C	
15	Duty Cycle		-	40	~	60	%	
16	Aging		-	-1.0	~	+1.0	$\times 10^{-6}$	PER YEAR
17	Start up time			-	-	2.0	ms	@90% of final Vout level
18	Phase Noise	@ 1Hz offset	-	-	-	-57	dBc/Hz	
19		@ 10Hz offset	-	-	-	-85		
20		@100Hz offset	-	-	-	-110		
21		@ 1KHz offset	-	-	-	-130		
22		@ 10KHz offset	-	-	-	-140		
23	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.					
24	Moisture Sensitivity Level		Level 2.					



25	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.
26	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)

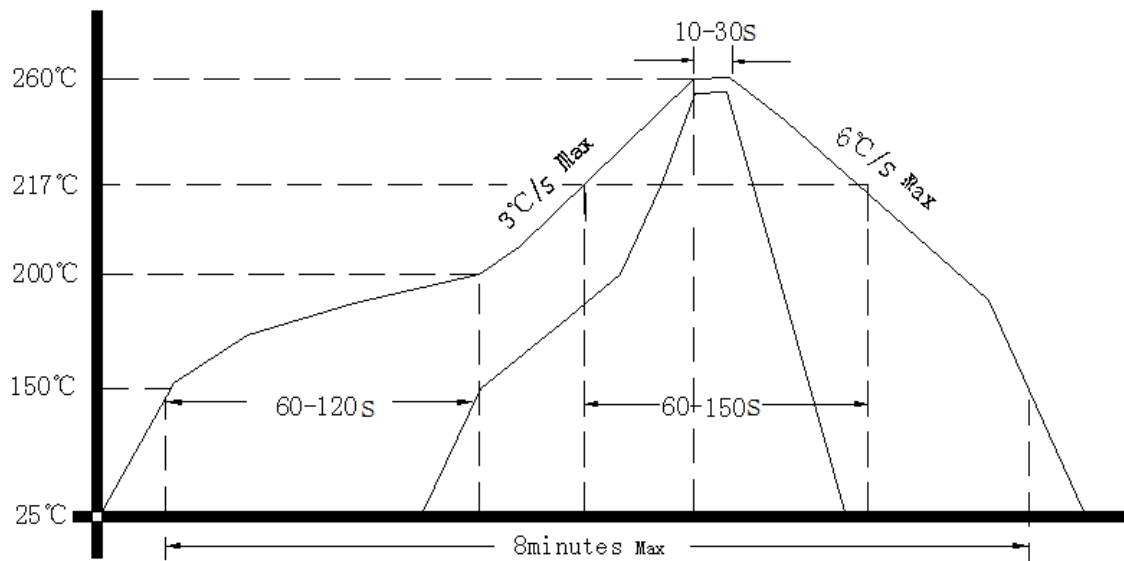


Note1: Tolerance ±0.2mm

Note2: Marking: (1) Frequency 16.36(MHz,4digits)
 (2) Modle code T
 (3) Date code Year(1 digit) +Week(2digits)
 e.g.2009/1/1 → 901



3、 Reflow Soldering Curve (RoHS)



4、 Package: Tape & Reel (mm)

