

Customer Code : _____

DATASHEET

DAPU P/N: **DP7X2600003**

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2016.07.08			

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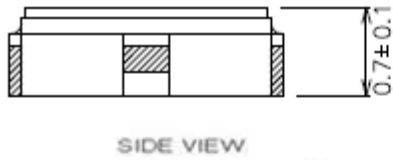
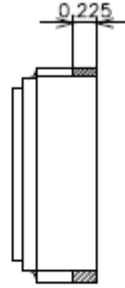
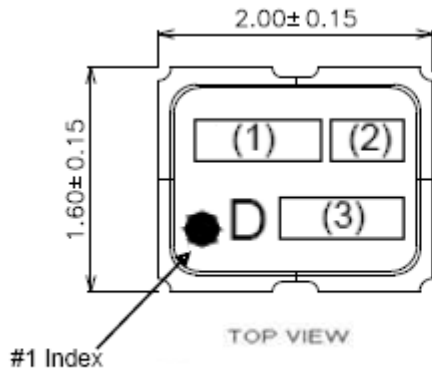


1、Electrical Parameters

MODEL: DP7X2600003								
No.	Parameters		SYM.	Electrical Spec.			Units	Notes
				Min.	Typ.	Max.		
1	Nominal Frequency		FL	26.00			MHz	
2	Output Waveform			Clipped Sine				
3	Output Level			0.8			V _{P-P}	
4	Symmetry			40		60	%	GND level (DC cut)
5	Load Impedance		L _{OAD-R}	9	10	11	KΩ	
6			L _{OAD-C}	9	10	11	pF	
7	Frequency Stability	vs Tolerance		-1.5		+1.5	× 10 ⁻⁶	After two times reflow Ref.to nominal frequency
		vs Temperature		-0.5		+0.5	× 10 ⁻⁶	Ta=-30~+85℃
				-1		+1	× 10 ⁻⁶	Ta=-40~-30℃
		vs Hysteresys		-0.6		+0.6	× 10 ⁻⁶	
		vs Supply voltage		-0.1		+0.1	× 10 ⁻⁶	V _{CC} =+1.8V±5%
	vs Load Variation		-0.1		+0.1	× 10 ⁻⁶	L _{oad-R} //C=(10 KΩ//10 pF)±10%	
8	Operating Temperature		T-opr	-40	~	+85	℃	
9	Storage Temperature		T-stg	-40	~	+85	℃	
10	Supply Voltage		VCC	1.71	1.8	1.89	V	
11	Current Consumption		Icc	-	-	1.5	mA	
12	Aging		-	-1	-	+1	× 10 ⁻⁶ /year	Ta=Room ambient
			-	-1.5	-	+1.5	× 10 ⁻⁶ /2year	Ta=Room ambient
			-	-2.5	-	+2.5	× 10 ⁻⁶ /5year	Ta=Room ambient
			-	-5.0	-	+5.0	× 10 ⁻⁶ /10year	Ta=Room ambient
13	Start-up Time			-	-	2.0	ms	@90% of final V _{out} level
14	G Sensitivity			-2		+2	ppb/G	Gamma Vector of all 3 axes from 30 to 1500Hz
15	SSB Phase Noise		1kHz	-	-	-130	DBc/Hz	
16	Vibration Test		MIL-STD-883 2007 Condition A			10~2000Hz, 1.52mm, 20g, each axis for 4 hrs		
			JESD22-B103 Condition 1					
17	Thermal Shock		MIL-STD-883 1010 Condition B			-55℃, 125℃; soak time is 10 mins, with total 200 cycles		
			JESD22-A104 Condition B					
18	Mechanical Shock		MIL-STD-883 2002 Condition B			1500g half-sine, 0.5ms, each axis for 3 times.		
			JESD22-B104 Condition B					

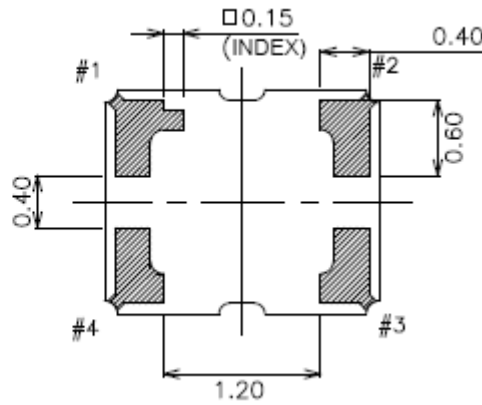


2、Mechanical Structure(mm)



Pin Connections

Pin No.	Connection
#1	GND
#2	GND
#3	Output
#4	V _{cc}



unit:mm

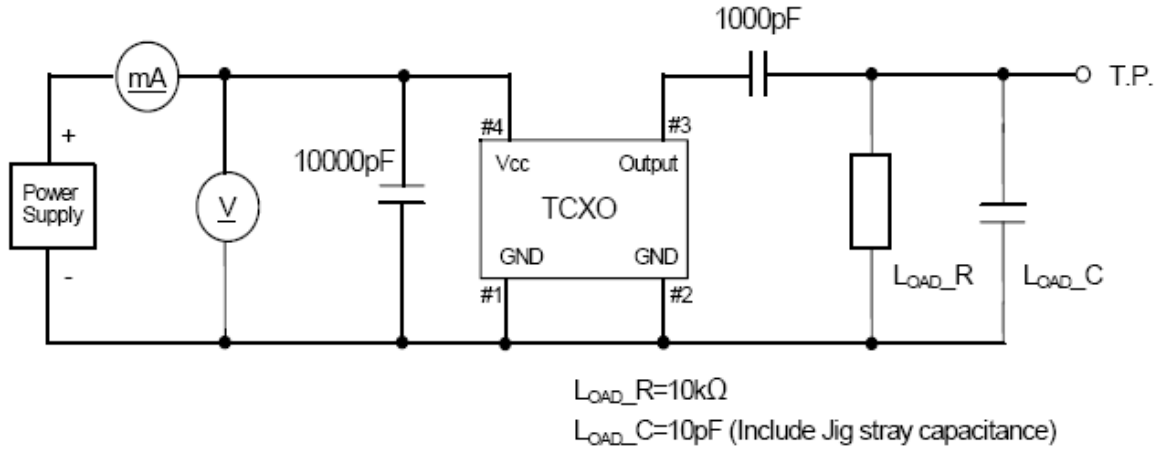
- (1)Frequency 26.00(MHz,4digits)
- (2)Model code BN
- (3)Date code year(1 digit)+Week(2 digits)
 e.g.2014/1/1 -401
- (4)Logo D

Dimensional Tolerance: ±0.1mm

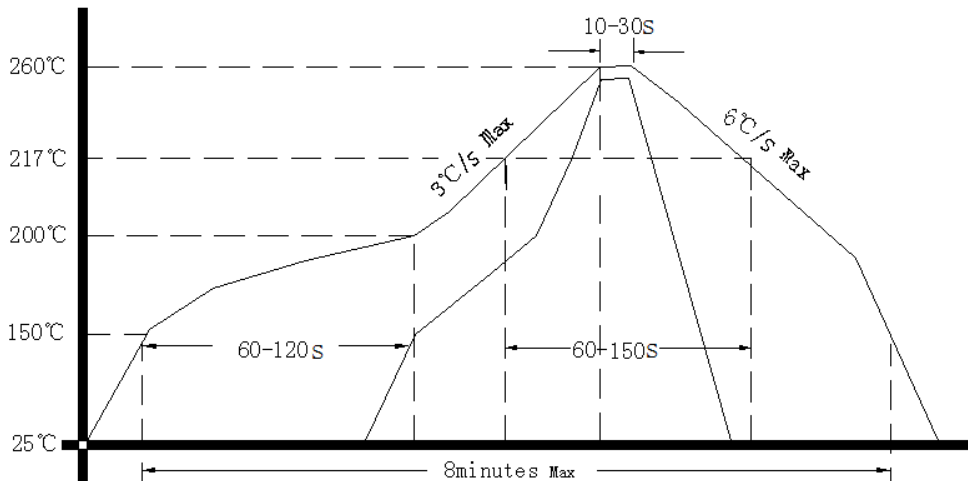
(Unless otherwise noted)



3、 Test Circuit



4、 Reflow Soldering Curve (RoHS)



5、 Package: Tape & Reel (mm)

