

Customer Code : _____

DATASHEET

DAPU P/N: **DP7X2600001**

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

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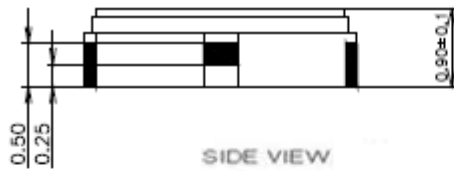
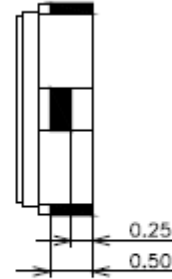
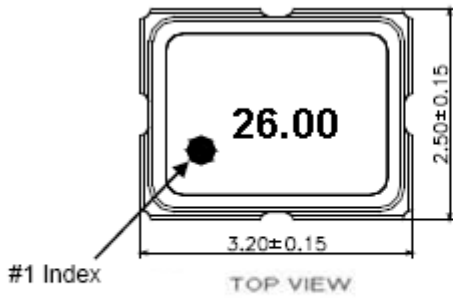


1、Electrical Parameters

MODEL: DP7X2600001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
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
		vs Temperature	-0.5		+0.5	×10 ⁻⁶	T _a =-30~+85℃
		vs Hysteresys	-0.6		+0.6	×10 ⁻⁶	
		vs Supply voltage	-0.2		+0.2	×10 ⁻⁶	V _{CC} =+1.8V±5%
		vs Load Variation	-0.2		+0.2	×10 ⁻⁶	L _{oad} -R//C=(10 KΩ//10 pF)±10%
8	Operating Temperature	T-opr	-30	~	+85	℃	
9	Storage Temperature	T-stg	-40	~	+85	℃	
10	Supply Voltage	VCC	1.7	1.8	1.9	V	
11	Current Consumption	I _{cc}			1.5	mA	
12	Aging		-1		+1	×10 ⁻⁶ /year	T _a =Room ambient
13	Start-up Time				2.0	ms	@90% of final V _{out} level
14	Harmonics				-5	dBc	
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					

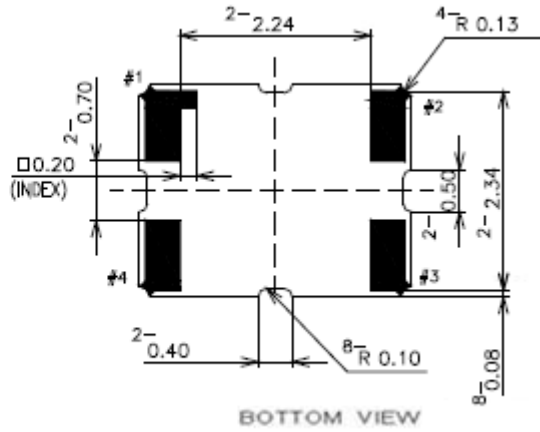


2、 Mechanical Structure(mm)



Pin Connections

Pin No.	Connection
#1	GND
#2	GND
#3	Output
#4	Vcc



unit:mm

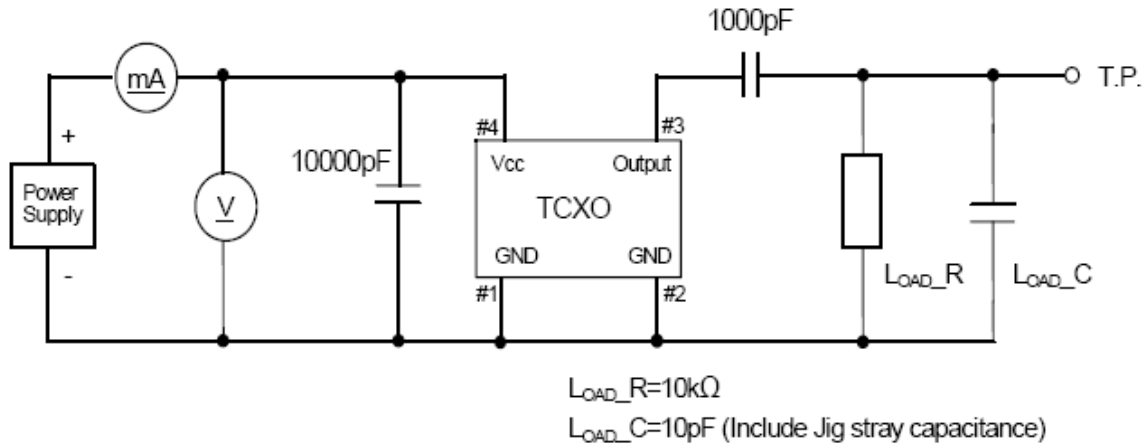
- (1)Frequency 26.00(MHz,4digits)
- (2)Model code BN
- (3)Date code year(1 digit)+Week(2 digits)
e.g.2015/1/1 -501

Dimensional Tolerance: ±0.15mm

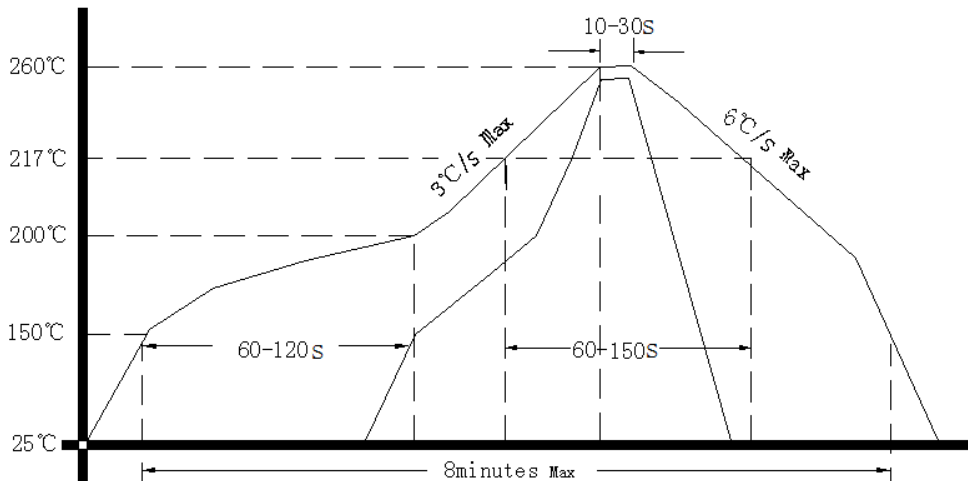
(Unless otherwise noted)



3、 Test Circuit



4、 Reflow Soldering Curve (RoHS)



5、 Package: Tape & Reel (mm)

