

Customer Code : _____

DATASHEET

DAPU P/N: DPAU38880001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
<i>Amway.wei</i>	<i>Carry.Wang</i>	<i>James.Liu</i>	
Date: 2019.08.20			

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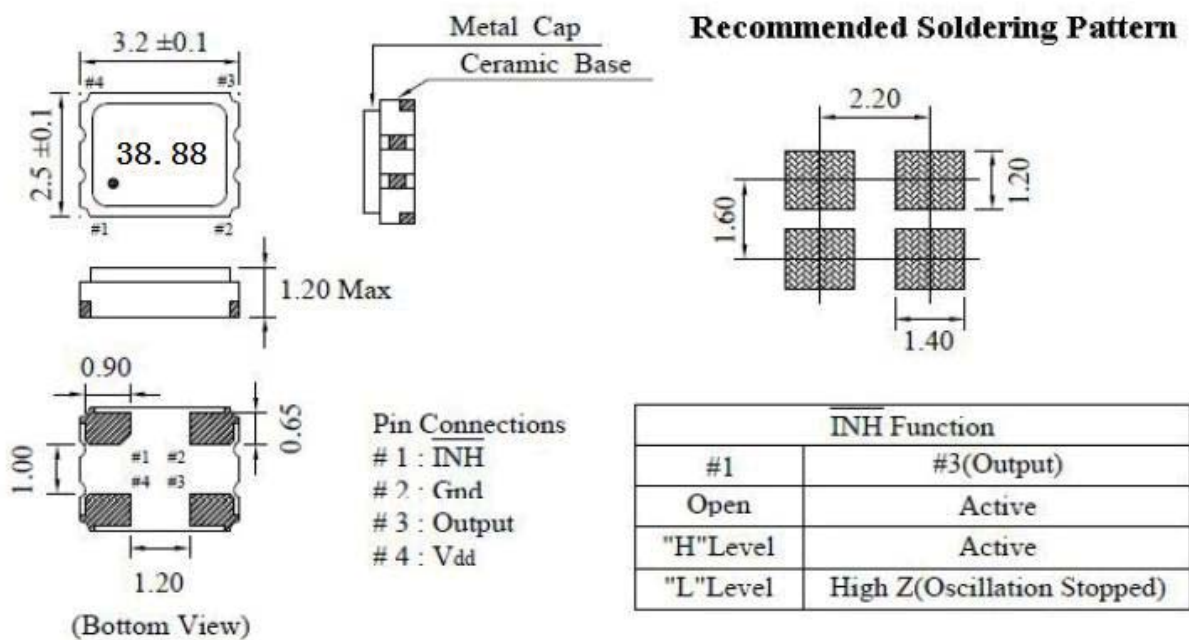
TEL: 0086-0769-88010888 FAX: 0086-0769-81800098



1、 Electrical Parameters

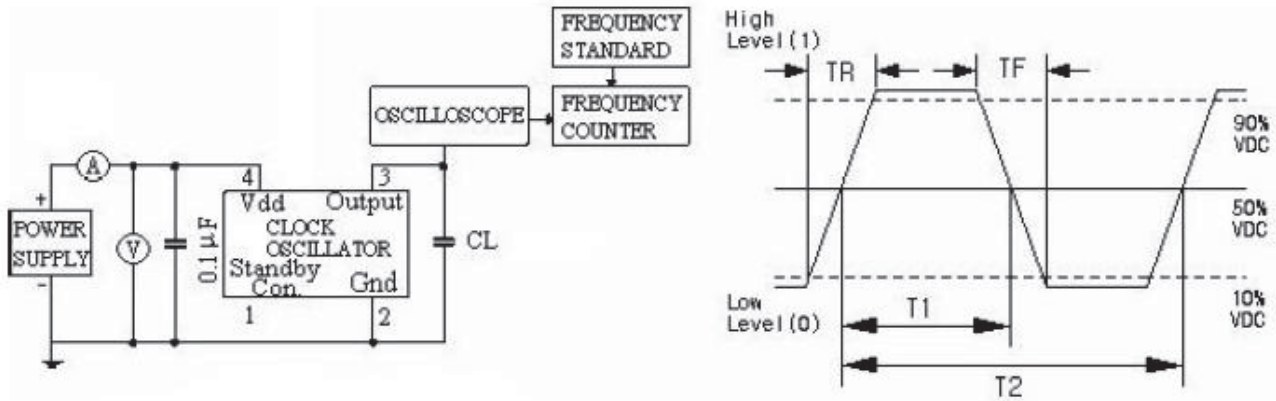
MODEL: DPAU38880001						
No.	Parameters	Electrical Spec.				Notes
		Min.	Typ.	Max.	Units	
1	Nominal Frequency	38.880			MHz	
3	Frequency stability	-20		+20	$\times 10^{-6}$	@25°C
4	Operating Temperature range	-40		+85	°C	
5	Storage Temperature range	-55		+125	°C	
6	Supply Voltage	2.97	3.3	3.63	V	
7	Current consumption			15	mA	At maximum supply voltage
8	Output Load	15			pF	
9	Aging per year	-3	-	+3	$\times 10^{-6}$	
12	Duty Cycle	40		60	%	
13	Rise Time	-	-	5.0	ns	
14	Fall Time	-	-	5.0	ns	
16	High Output voltage	0.9Vdd			V	
17	Low Output voltage			0.1Vdd	V	

2、 Mechanical Structure(mm)



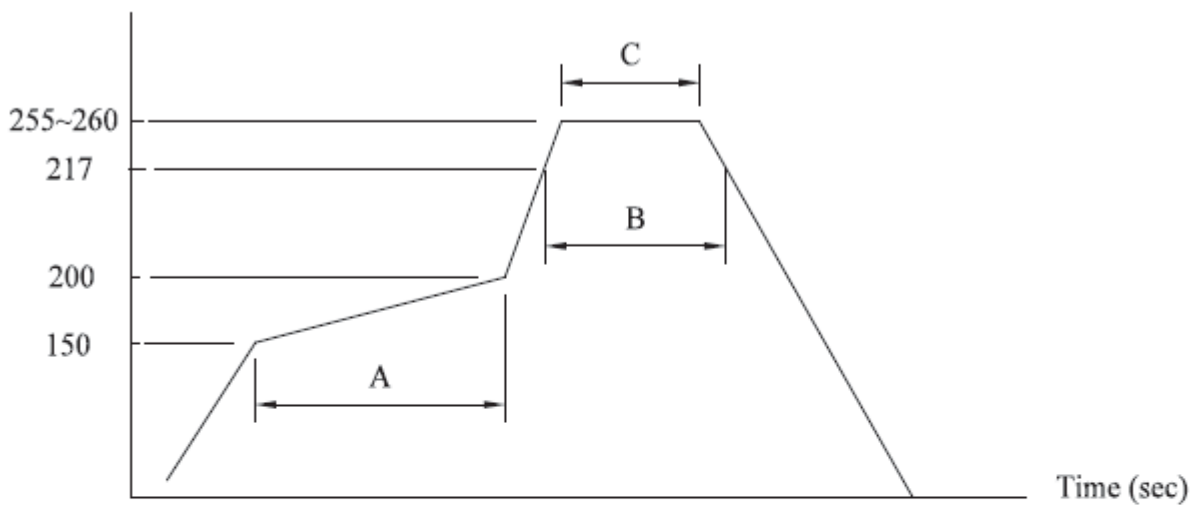


3、 Test Circuit



4、 Recommended Ir Reflow Profile

Temp. (deg.C)



(A)→Preheating area : 150~200°C, 60~120sec.

(B)→Heating area : 217°C, 60~150sec.

(C)→Peak temperature : 255~260°C, 30sec. Max.

Ramp-up rate (217→260°C) : 3°C/sec. Max.

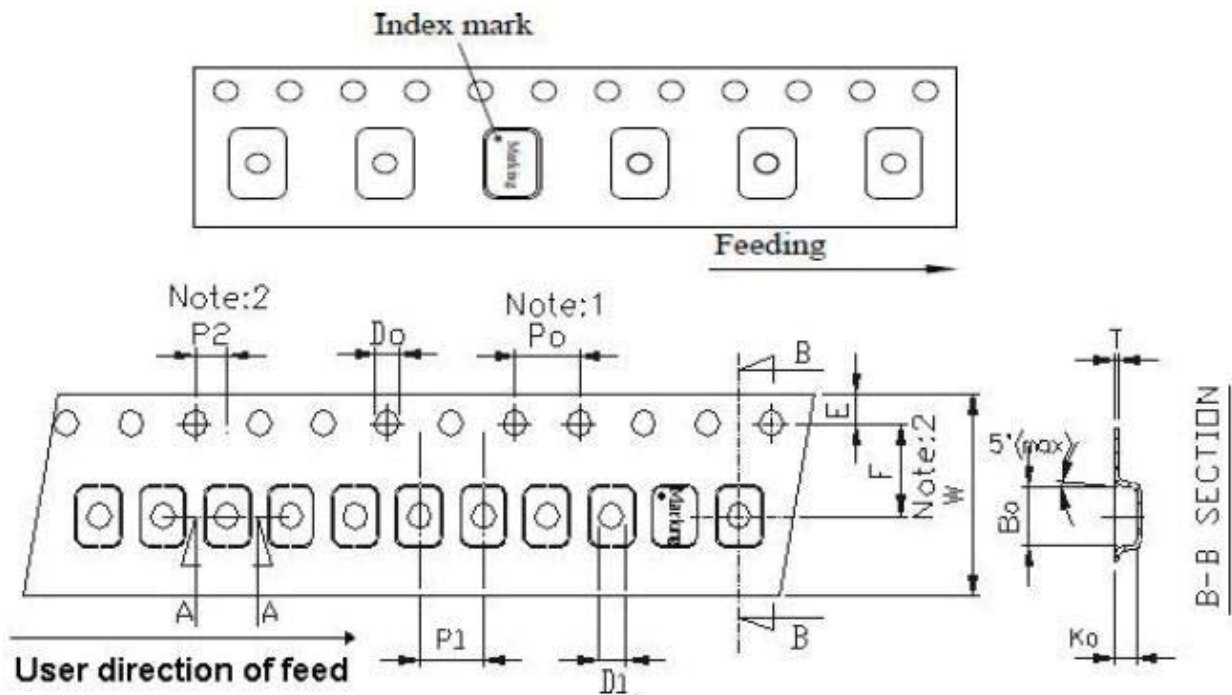
Ramp-down rate (260→217°C) : 6°C/sec. Max.

Time 25°C→260°C : 480sec. Max.

*Referance JEDEC J-STD-020

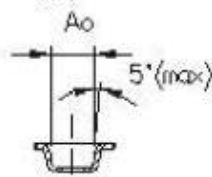


5、 Package: Tape & Reel (mm)



Unit: mm

Symbol	Spec.
K1	-
Po	4.0±0.10
P1	4.0±0.10
P2	2.0±0.10
Do	1.50 ^{+0.1} / ₊₀
D1	1.0 (MIN)
E	1.75±0.10
F	3.50±0.10
10Po	40.0±0.10
W	8.0±0.20
T	0.25±0.05



A-A SECTION

$A_0 = 2.70 \pm 0.10$ mm
 $B_0 = 3.40 \pm 0.10$ mm
 $K_0 = 1.40 \pm 0.10$ mm

Notice:

- 1.10 Sprocket hole pitch cumulative tolerance is ±0.1mm
2. Pocket position relative to sprocket hole measured as true position of pocket not pocket hole.
3. Ao & Bo measured on a plane 0.3mm above the bottom of the pocket to top surface of the carrier.
4. Ko measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
5. Carrier camber shall be not than 1mm per 100mm through a length of 250mm.