

Travelling Merchant: _____

DATASHEET

Standard: DPAM52000001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2019.12.27			

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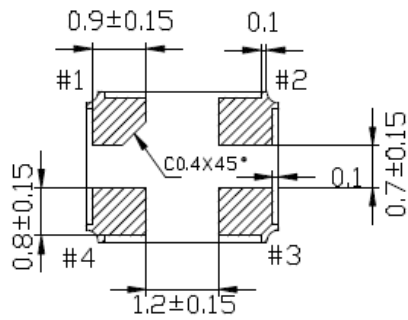
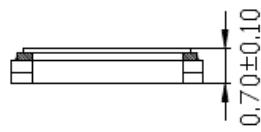
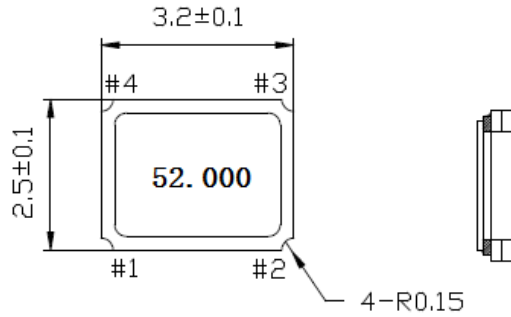


1、 Electrical Parameters

MODEL: DPAM52000001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	52.000			MHz	
2	Mode of Vibration	-	Fundamental			-	
3	Load Capacitance	CL	10			pF	
4	Frequency Tolerance	-	-10	-	+10	$\times 10^{-6}$	at 25°C $\pm 3^{\circ}\text{C}$
5	Frequency Stability	-	-30	-	+30	$\times 10^{-6}$	Over Operating Temp.Range(Ref.to 25°C)
6	Aging	-	-3	-	+3	$\times 10^{-6}$	Per Year
7	Equivalent Series Resistance	ESR			30	Ω	
8	Drive Level	DL			100	μW	
9	Shunt Capacitance C0	C0		-	3	pF	
10	Insulation Resistance	-	500	-	-	M Ω	at DC 100V
11	Operating Temperature		-40	~	+85	$^{\circ}\text{C}$	
12	Storage Temperature Range	-	-40	~	+85	$^{\circ}\text{C}$	
13	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					
14	Moisture Sensitivity Level	Level 2					
15	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.					
16	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y, Z),IEC 68-2-27 Test Ea/Severity 50A.					

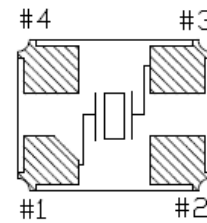


2、Mechanical Structure(mm)

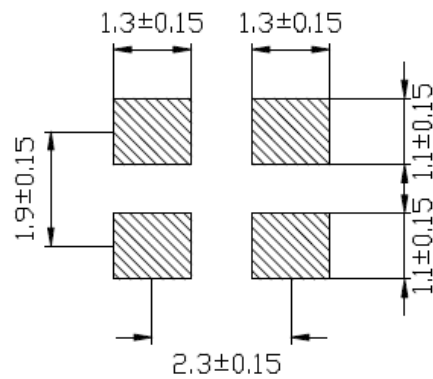


PIN CONNECT	
1,3	Crystal
2,4	GND

<TOP VIEW>



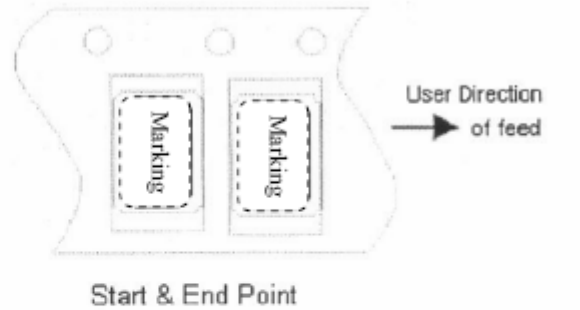
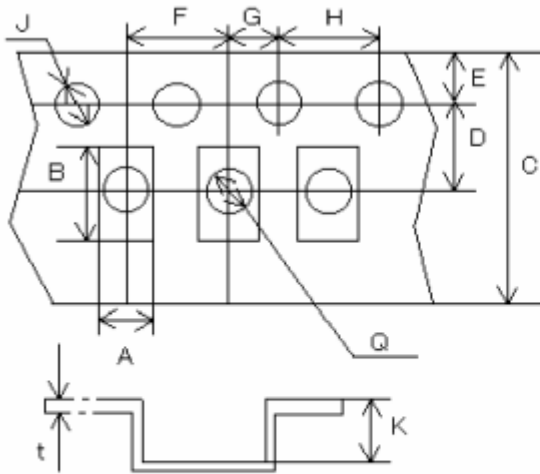
LAND PATTERN<REFERENCE>



DAPU



3、 Package: Tape & Reel (mm)



A	B	C	D	E	F	G	H	J	K	t
2.7	3.4	8.0	3.5	1.75	4.0	2.0	4.0	1.55	1.4	0.25

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