

Travelling Merchant: _____

DATASHEET

Standard: DPAM48000003

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2021.06.07			

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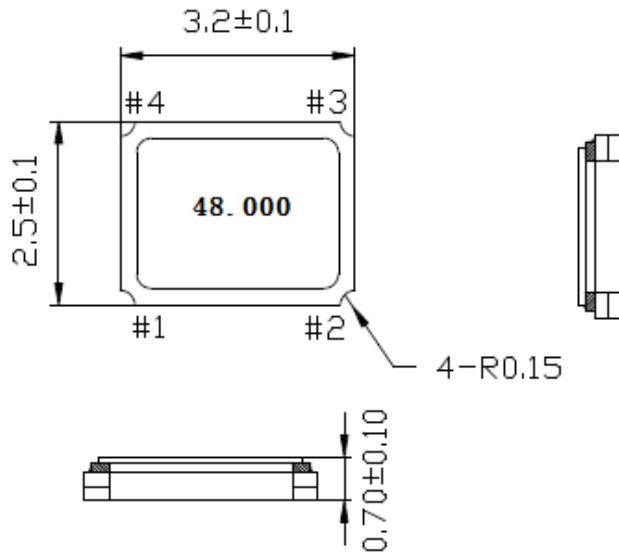


1、 Electrical Parameters

MODEL: DPAM4800003							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	48.00			MHz	
2	Mode of Vibration	-	Fundamental			-	
3	Load Capacitance	CL	8			pF	
4	Frequency Tolerance	-	-10	-	+10	$\times 10^{-6}$	at 25°C± 3°C
5	Frequency Stability	-	-15	-	+15	$\times 10^{-6}$	Over Operating Temp. Range(Ref.to 25°C)
6	Aging	-	-1	-	+1	$\times 10^{-6}$	1st Year
7	Equivalent Series Resistance	ESR			22	Ω	
8	Drive Level	DL		100	300	μ W	
9	Shunt Capacitance C0	C0		-	2	pF	
10	Pulling Sensitivity		13.2	16.5	19.8	$\times 10^{-6}/\text{pF}$	
11	Insulation Resistance	-	500	-	-	M Ω	at DC 100V
12	Operating Temperature		-40	~	+85	°C	
13	Storage Temperature Range	-	-40	~	+85	°C	
14	ESD Level	Human Body Model, class2: 2000V to 4000V; ANSI/ESDA/JEDEC JS-001-2010					
		Machine Model, class B: 200V to 400V; JEDEC JESD22-A115C.					
15	Moisture Sensitivity Level	Level 2					
16	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.					
17	Shock	100g; 6ms; half sine wave (3 times for each 3 directions X ,Y, Z),IEC 68-2-27 Test Ea/Severity 50A.					

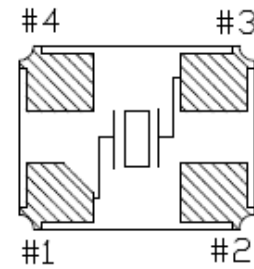


2、Mechanical Structure(mm)

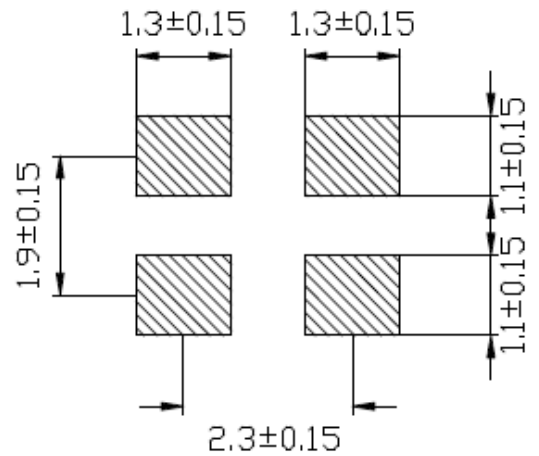
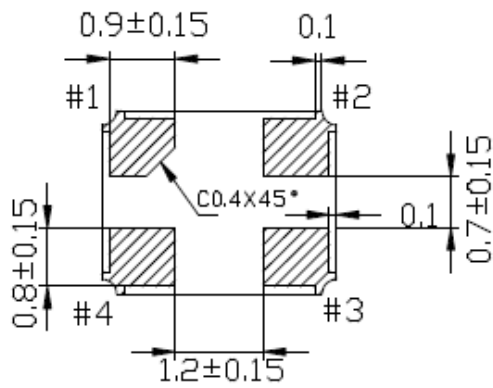


PIN CONNECT	
1,3	Crystal
2,4	GND

<TOP VIEW>



LAND PATTERN(REFERENCE)



DAPU