

Travelling Merchant: _____

DATASHEET

Standard: DP8B32768001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2021.03.20			

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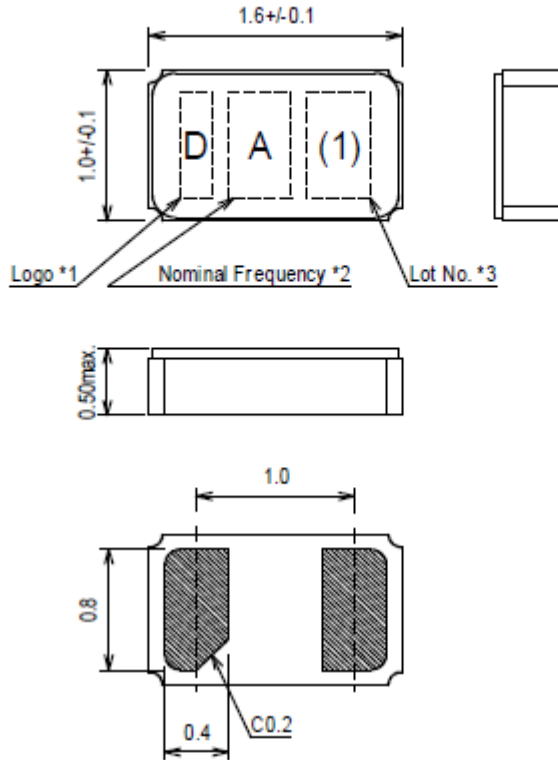


1、 Electrical Parameters

MODEL: DP8B32768001							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	32.768			KHz	
2	Oscillation Mode	-	Fundamental			-	
3	Load Capacitance	CL	12.5			pF	
4	Frequency Tolerance	-	-20	~	+20	$\times 10^{-6}$	at 25°C \pm 3°C
5	Parabolic Coefficient	-	-	~	-0.04	PPM/°C ²	
6	Operating Temperature	-	-40	~	+85	°C	
7	Storage Temperature Range	-	-55	~	+105	°C	
8	Aging	-	-3	~	+3	$\times 10^{-6}$	Per year
9	Drive Level	DL	-	0.1	0.5	uW	
10	Equivalent Series Resistance	Rr	-	-	90	K Ω	
11	Shunt Capacitance C0	C0	-	1.3	-	pF	
12	Insulation Resistance	-	500	-	-	M Ω	at DC 100V
13	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.					
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)



unit : mm

Tolerance ± 0.1

Fig.-1

2.2. MARKING

Marking should be printed as follows:

Logo(*1),Nominal Frequency(*2),Lot No.(*3)

*1 Manufacturer's trademark shall be marked 'D' as Logo.

*2 In case of 32.768kHz, nominal frequency shall be marked 'A'.

*3 Lot No. shall be marked three figures.

(1) Year:The last digit of the year.

Week:We gave the sequence of week numbers 01(first week) for production date.

There are starting from 1st of Jan.

However,add '0' figure to the first week during the 9th weeks.

The week means are from Sunday to Saturday.

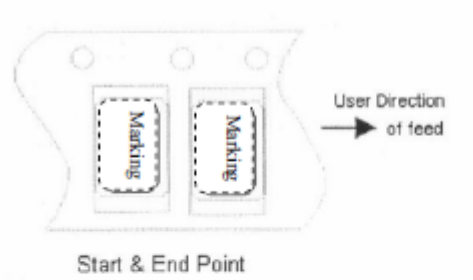
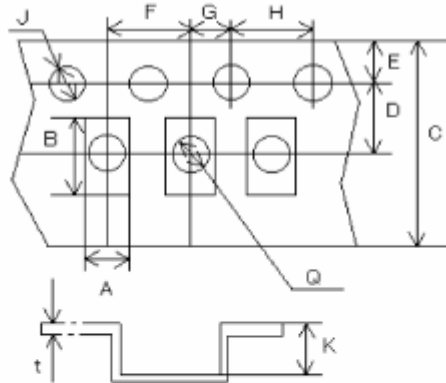
ex. Manufactured day: 2019.01.01



9 01
Year Week

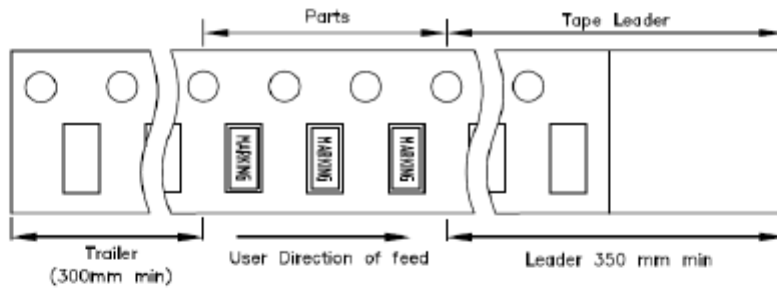


3、 Package: Tape & Reel (mm)

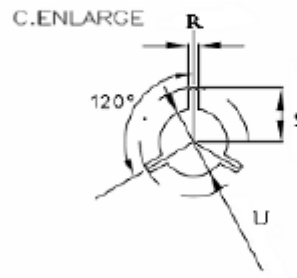
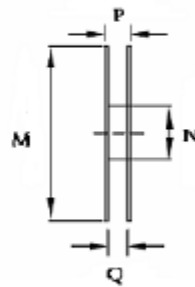
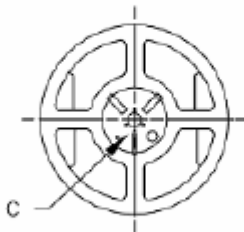


A	B	C	D	E	F	G	H	J	K	t
1.15	1.78	8.0	3.5	1.75	4.0	2.0	4.0	1.5	0.65	0.25

REMARK:



REEL: 3000 PCS/Reel



M	N	P	Q	R	S	U
178	60.2	11.5	8.0	2.5	11.0	13.0