

Travelling Merchant: _____

DATASHEET

Standard: DP7V5200001

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2018.04.27			

Guangdong Dapu Telecom Technology Co.,Ltd

Bldg13,.N.Ind.Zone,SSL Industry Park, Dongguan City, Guangdong Province, China

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



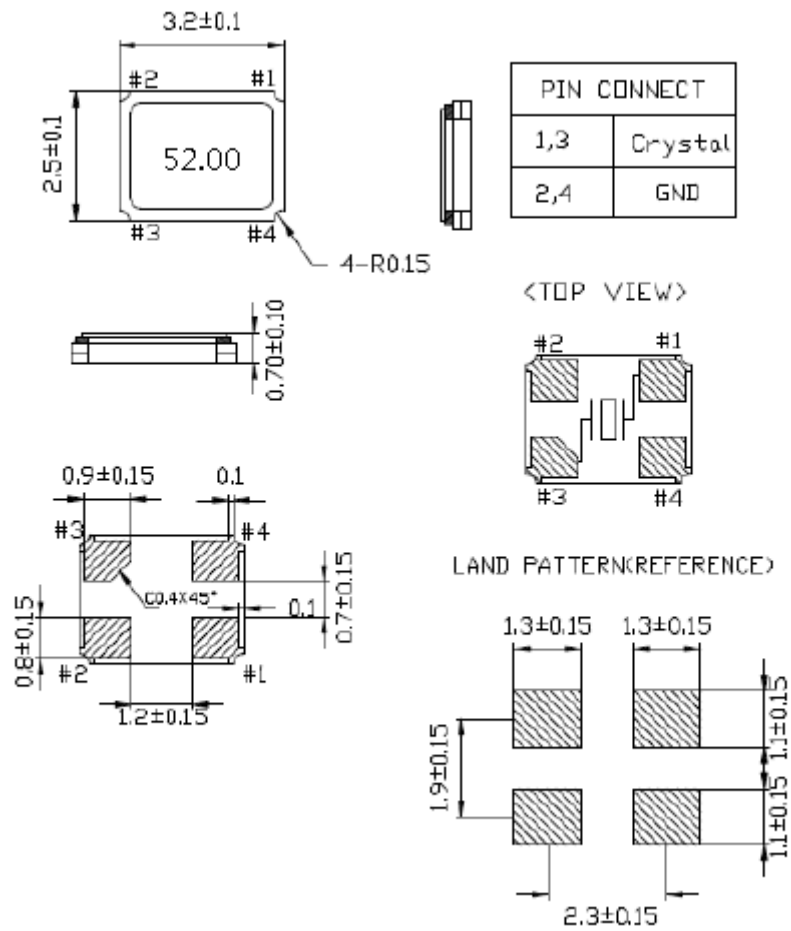
1、Electrical Parameters

MODEL: DP7V52000001

No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	50.00			MHz	
2	Oscillation Mode	-	Fundamental				
3	Load Capacitance	CL	10			pF	
4	Frequency Tolerance	-	-10		+10	ppm	at 25°C ±3°C
5	Frequency Stability: Refer to Operating Temperature	-	-10		+10	ppm	At -20°C~+75°C
6	Operating Temperature	-	-20	~	+75	°C	
7	Aging	-	-3		+3	ppm	1st Year
8	Drive Level	DL	-	100	200	uW	
9	Equivalent Series Resistance	Rr	-	-	100	Ω	
10	Shunt Capacitance	C0	-	-	3.0	pF	
11	Insulation Resistance	-	500	-	-	MΩ	at DC 100V
12	Storage Temperature Range	-	-40	~	+85	°C	

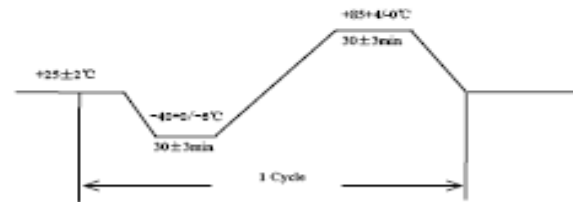
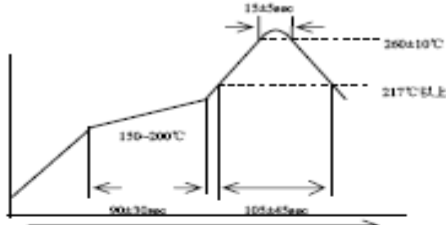


2、Mechanical Structure(mm)

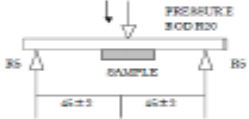

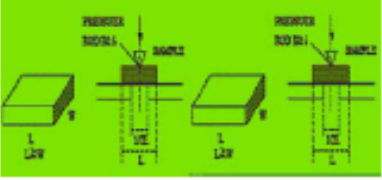




3、Reliability test

REFER		JIS G 6701	
NO.	ITEM	CONDITIONS	BASIS OF VERDICT
1	FREE FALL	FREE DROPPING FROM 75 cm HEIGHT 3 TIMES ON A HARD	F \pm 5ppm CI \pm 15% or 5 Ω
2	VIBRATION	FREQUENCY : 10~55Hz, AMPLITUDE (TOTAL EXCURSION) : 1.5mm \pm 15%, SWEEP TIME : 1MIN, 3 DIRECTION(X, Y, Z) EACH FOR 2 Hrs.	F \pm 5ppm CI \pm 15% or 5 Ω
3	TEMPERATURE CYCLE	THE CRYSTAL UNIT SHALL BE SUBJECTED TO 100 SUCCESSIVE CHANGE OF TEMPERATURE CYCLES 	F \pm 5ppm CI \pm 15% or 5 Ω
4	FINE LEAK	HELIUM BOMBING 5.0~5.5 Kg f/cm^2 FOR 2 HOURS.	$\leq 1 \times 10^{-9}$ Pa.m 3 /s
5	RESISTANCE TO SOLDERING HEAT	PEAK: 260 $\text{C} \pm 10\text{C}$ Time: 15 ± 5 sec 	F \pm 5ppm CI \pm 15% or 5 Ω
6	SOLDERABILITY	THE LEAD IS IMMersed IN A 260 $\pm 5\text{C}$ SOLDER BATH WITHIN 2 ± 0.6 SECONDS.	more than 95% of lead shall be covered by new solder
7	HIGH TEMP. & HUMIDITY	STORED AT 60 $\pm 2\text{C}$ AND HUMIDITY 90~95% FOR 500 ± 12 H.	F \pm 5ppm CI \pm 15% or 5 Ω
8	HIGH TEMPERATURE STORAGE	STORED AT 85 $\pm 2\text{C}$ FOR 720 ± 12 H. (If Customer's temperature request is higher than the standard, Temperature test must be done for customer requirements.)	F \pm 5ppm CI \pm 15% or 5 Ω
9	LOW TEMPERATURE STORAGE	STORED AT -40 $\pm 2\text{C}$ FOR 500 ± 12 H. (If Customer's temperature request is lower than the standard, Temperature test must be done for customer requirements.)	F \pm 5ppm CI \pm 15% or 5 Ω

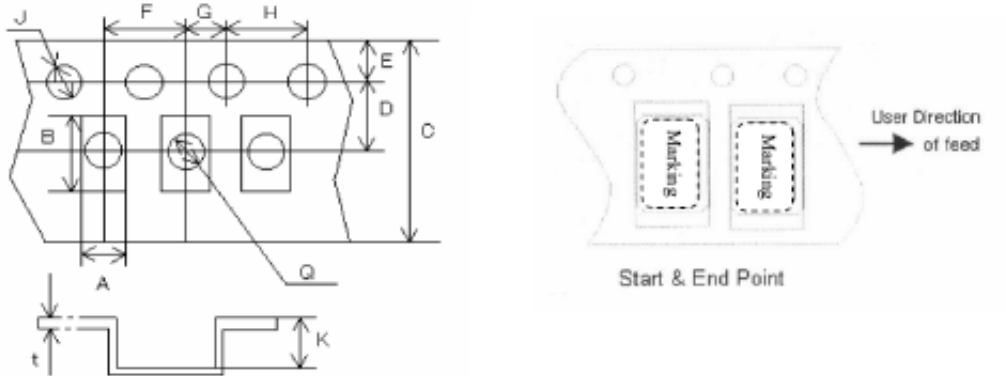


10	TERMINAL STRENGTH	<p>SHALL BE PRESSURIZED AT A SPEED OF APPROX.0.5mm/sec IN THE DIRECTION INDICATED BY THE ARROW UNTIL THE BENDING WIDTH REACHES 3mm AND HELD FOR 5 SECONDS.</p> 	<p>F±5ppm CI±15% or 5Ω</p>
11	STICKING TENDENCY	<p>A R0.5 JIG SHALL BE USED TO APPLY A 10N DEAD LOAD IN THE DIRECTION INDICATED BY THE ARROW TO THE ELEMENT AND RETAIN IT FOR 10 SECONDS.</p> 	<p>F±5ppm CI±15% or 5Ω</p>
12	ELEMENT ASSEMBLY STRENGTH	<p>A R0.5 PRESSURIZED BAR SHALL BE USED TO APPLY A 10N LOAD IN THE CENTER OF ELEMENT AND RETAIN IT FOR 10 SECONDS.</p> 	<p>F±5ppm CI±15% or 5Ω</p>



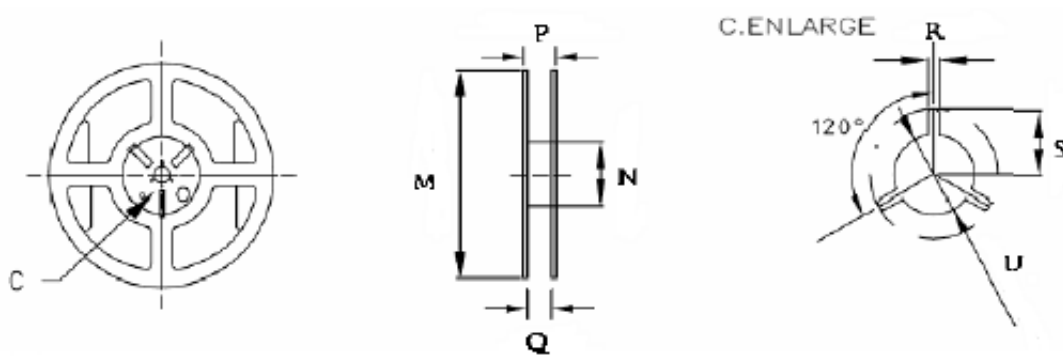
3、 Packing Description

6.1 帶子尺寸[CARRIER TYPE] (unit: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

6.2 卷盘尺寸[REEL] (unit:mm)



M	N	P	Q	R	S	U
178.0	60.2	11.5	8.0	2.5	11.0	13.0