

Travelling Merchant: _____

DATASHEET

Standard: DP6P25000002

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date: 2017.09.21			

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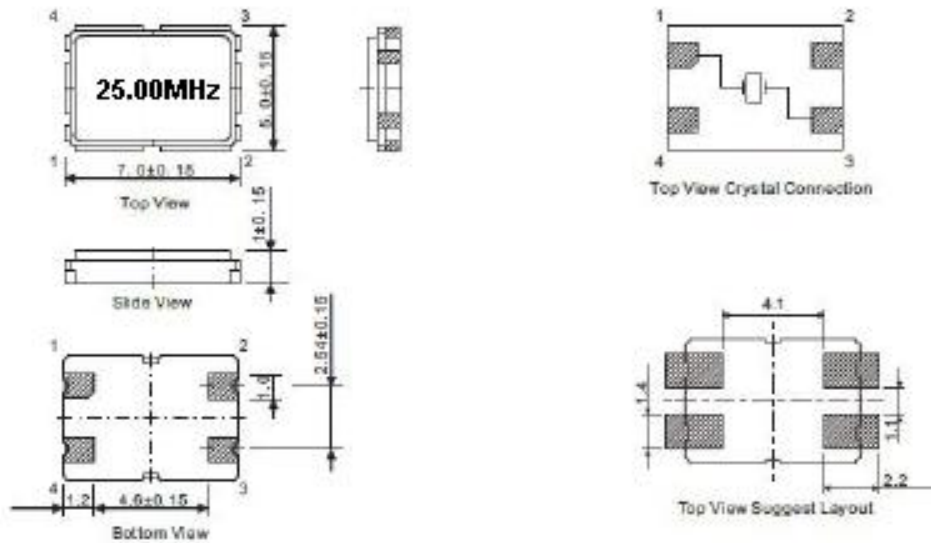


1、 Electrical Parameters

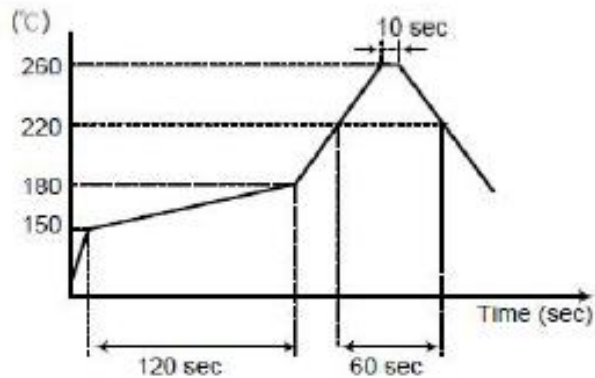
MODEL: DP6P25000002							
No.	Parameters	SYM.	Electrical Spec.				Notes
			Min.	Typ.	Max.	Units	
1	Nominal Frequency	FL	25.00			MHz	
2	Mode	-	AT/Fundamental			-	
3	Load Capacitance	CL	27			pF	
4	Frequency Tolerance	-	-20	-	+20	$\times 10^{-6}$	at 25°C
5	Frequency Stability	-	-50	-	+50	$\times 10^{-6}$	Over Operating Temp. Range (Reference 25°C)
6	Operating Temperature Range	-	-40	~	+85	°C	
7	Aging	-	-3	-	+3	$\times 10^{-6}$	1st Year
8	Drive Level(Typical)		100			μ W	
9	Equivalent Series Resistance		-	-	40	Ω	
10	Shunt Capacitance	C0	-	-	5.0	pF	
11	Storage Temperature Range	-	-40	~	+85	°C	



2、Mechanical Structure(mm)



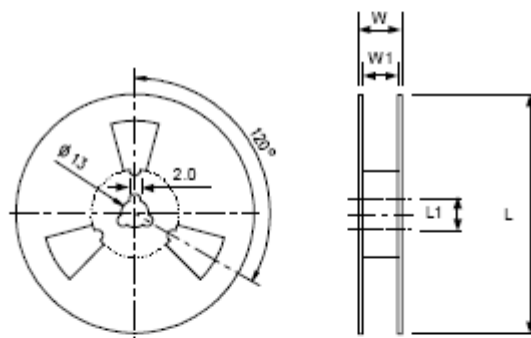
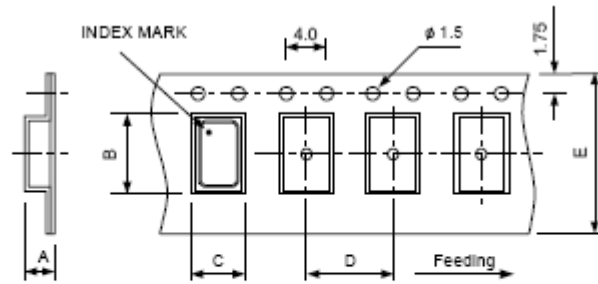
3、Reflow Condition(RoHS)



Total time : 200 sec. Max. Solder melting point :220 °C



4、 Package: Tape & Reel (mm)



DIMENSIONS	A	B	C	D	E	L	L1	W	W1	pcs / Reel
	7050	2.15	7.9	5.4	8	16	180	13	21.5	17.5
6035	1.4	6.4	3.9	8	12	180	13	15.4	13	1K
5032	1.45	5.5	3.6	8	12	180	13	15.4	13	1K
3225	1.4	3.4	2.7	4	8	180	13	11.5	8	3K
2520	1.15	2.8	2.25	4	8	180	13	10.5	8	3K
2016	0.95	2.25	2.25	4	8	180	13	10.5	9	3K
1612	0.8	2.0	1.85	4	8	180	13	10.5	9	3K



5. Reliability Test Specification

Test item	Equipment	Condition	Specification
1. SOLDERABILITY TEST	SJK-REL001 , RC-328A	1.solderability:235±5℃, 5±0.5S 2.heat resistance:260±5℃ ,10±1S restoration of 1 hour	MIL-STD-883E Method 2003.7
2. HERMETICITY TEST	HELIOT-306S	FC-84 FLUOROCARBON,BUBBLE MACHINE	MIL-STD-883E Method 1014.10
3. VIBRATION TEST	HG-V4, S&A 250B	Enable Crystal(10g) from 10-55-10Hz,X, Y, Z horizontal,1 Minute vibration/time, 1time/ 2 hours.	MIL-STD-883E Method 2007.3
4. MECHANICAL SHOCK	HPC-200, S&A 250B	Enable Crystal 50G(490m/s ²) time=11 ms speed=3.4 m/s half sine wave oscillation	JIS C6701
5. DROP TEST	HARD BOARD.S&A250B	75CM HIGH,3 TIMES ON HARD BOARD	MIL-STD-202F Method 213B
6. SALT SPRAY	H-SST-60, RC-328A	5% NaCL,35℃±2℃ CHAMBER, 48 hrs., PH:6.5~7.2	JIS C6701
7. HIGH&LOW TEMP STORAGE TEST(Static test)	H-PTH-80CK & HM101-3ABN , S&A 350B/250B	High temperature: 125℃ ±2℃,1000hr. Low temperature:-40℃±3℃,1000hrs	MIL-STD883C, METHOD 1011.8
8. TEMP & HUM CYCLING TEST	H-PTH-80CK CHAMBE , S&A 350B/250B	Temperature:-10℃ ±2℃ ~ 65℃ ±2℃,Humidity:93±3%,1 cycle need 24 hrs. 5cycles.	MIL-STD-883E Method 1005.8
9. HIGH TEM. & HUM. STORAGE TEST	H-PTH-80CK CHAMBE , S&A350B/250B	temperature:40℃ ±2℃ , Humidity:85±3,-2%,Store 96 hrs	JIS C6701
10. AGING TEST	H-PTH-80CK CHAMBE , S&A350B/250	temperature: 85℃±2, 1000hrs	JIS C5023