

深圳市弗瑞鑫电子有限公司

规格承认书

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prepare	
check	
approve	



TRX电容一级代理商

深圳市弗瑞鑫电子有限公司

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SMD- Y2

SMD Y2 a.c. ceramic capacitors

/Number	-3-082	/Date	2021-11-15
/Edition	A1	/Page	P 3 18


 TRX 专注电容器廿年	SMD- Y2			
	SMD Y2 a.c. ceramic capacitors			
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/CON EN

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1.

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3. /Date code



		2020	M	1	01	1	01	16	16
		2021	N	2	02	2	02	17	17
2010	A	2022	P	3	03	3	03	18	18
2011	B	2023		4	04	4	04	19	19
2012	C	2024		5	05	5	05	20	20
2013	D	2025		6	06	6	06	21	21
2014	E	2026		7	07	7	07	22	22
2015	F	2027		8	08	8	08	23	23
2016	H	2028		9	09	9	09	24	24
2017	J	2029		10	10	10	10	0	

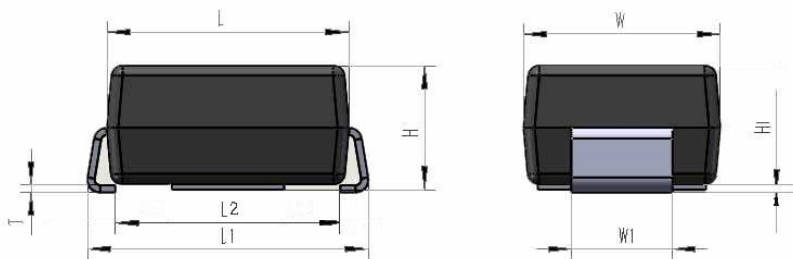
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4. /Certificates

certificates			
C		C	C
L/C L	L/C A 60384-14	E315719	AC300 (. . .)
C C	GB/ 6346.14-2015	C C20001280609	AC300 (. . .)
ENEC	EN 60384-14:2013/A1:2016	ENEC-03177	AC300 (. . .)
KC	K60384-14	H 03034-21003A	AC250 (. . .)

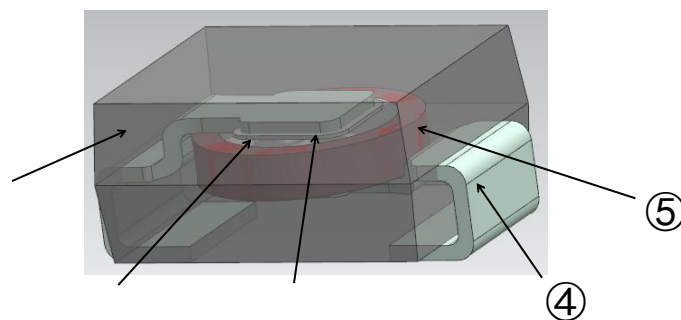
5. /Product structure

5.1 /P D



	P	D	()
L	4.3 0.1		3.5 0.3
L1	5.0 0.1	L2	4.0 0.1
H	2.2 0.1	1	1.8 0.05
H1	0.1 0.05		0.13 0.02

5.2 /P




N .	P	M
①	C	(L94 -0) (L94 -0)
②	E	/C
③		-P -A -P -A
④	L P	
⑤	D	C

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6.2 /F

280 °
280°C

30 °
30

P 200 °
200

P 180 °
180

6.3 / I
PCB/P B

PCB/P B,


400
- 400

50
50

5
5

7. / Performance and test methods

NO	I		
1	A	N L L	
2	D	5.1 5.1	

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NO	I	
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NO	I			
8				150 180 C 90 30 P 150 180 C 90 30 . / : 230 C-260 C / : 60± 15 . / :4 15--35 45--75% H 24 2 L 15-35 , 45-75% H 24 2 , .
		NO.3 P NO.3		
	C	L:± 10% 5P:± 10% 5 :± 20% 5 :± 20%		
	D.F.	L: 1.0% 5P: 2.5% 5 : 2.5% 5 : 2.5%		
	I .	NO.7 P NO.7		
9				(JI K 5902) (JI K 8101) (25%) () I (JI K 8101) (JI K 5902) (25%)) . () I 2 0.5 2 0.5 . : 245 10 C
10		N		: +125 3
		NO.3 P NO.3		: -40 3
	C	L:± 10% 5P: 10% 5 : 20% 5 : 20%		/ :5
	D.F.	L: 1.0% 5P: 2.5% 5 : 2.5% 5 : 2.5%		30 25 3 24 2
	I .	NO.7 P NO.7		C 24 2 25 3 .


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SMD Y2 a.c. ceramic capacitors



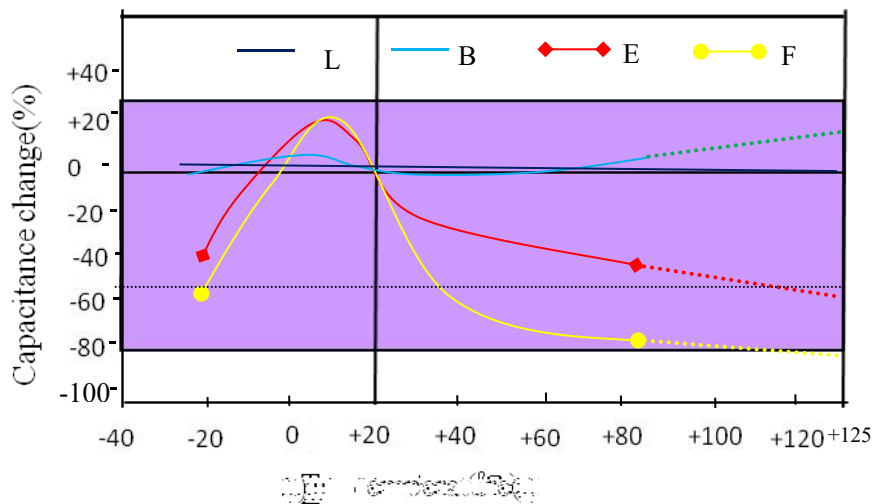
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NO	I			
11			C L:± 10% 5P: 10% 5 : 15% 5 : 15% DF 2.5%	F : 10 55 10H / :0.75 6 6 2 2
12	D ()		N	/ : 40 2 / : 95 3% H / : 21 : A (300) (300)
		C	$\Delta=(C -C_0)/C_0$ L Δ : 10% 5P Δ : 10% 5 Δ : 15% 5 Δ : 15%	
			NO.3 P NO.3	24 2 25 3 24 2
		I .	3000M	
13	E		N	/ : 125 3 /D : 1000+24 -0 510 AC 1.7 1000 0.1 : 510 AC 1.7 1000 . . . 0.1 . 47 5%
		C	$\Delta=(C -C_0)/C_0$ L Δ : 10% 5P Δ : 10% 5 Δ : 15% 5 Δ : 15%	
			NO.3 P NO.3	E 47 5%.
		I .	3000M	24 2 C 24 2 25 3

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NO	I		
16	C	N P NO.3 NO.7 N .3 N .7	$30 \pm 5\%$ $70 \pm 5\%$ $30 \pm 5\%$ $70 \pm 5\%$ / 23.5 5 ± 0.5 $5.0.5$. / 8
17			$30 \pm 5\%$ $70 \pm 5\%$ $30 \pm 5\%$ $70 \pm 5\%$ / 23.5 5 ± 0.5 10 $5.0.5$ 10 .

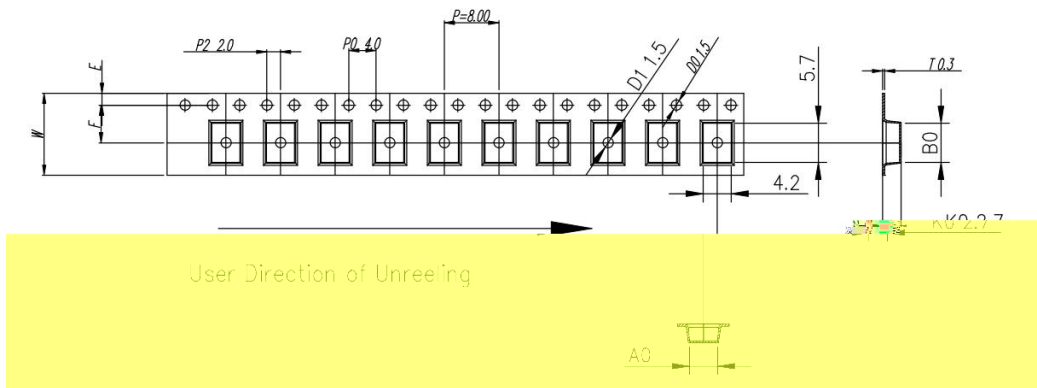
8. /Capacitor temperature characteristic



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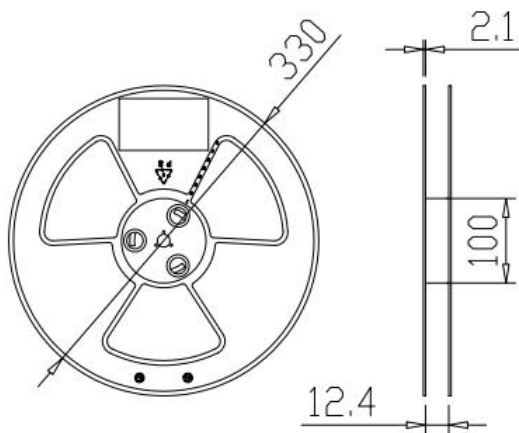
11. /Product Packing

11.1 /D



ITEM	W	A0	B0	K1	K0	P	F	E	D0	D1	P0	P2	T
DIM	12.0 ± 0.30	4.2 ± 0.10	5.70 ± 0.10	--	2.70 ± 0.10	8.00 ± 0.10	5.50 ± 0.10	1.75 ± 0.10	$\phi 1.5$ ± 0.05	$\phi 1.5$ ± 0.10	4.0 ± 0.10	2.0 ± 0.10	0.30 ± 0.05
ALTERNATE													

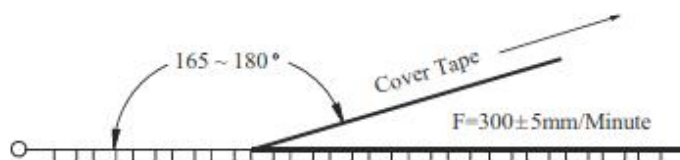
11.2 /D




EEL	EEL I E
3000	13

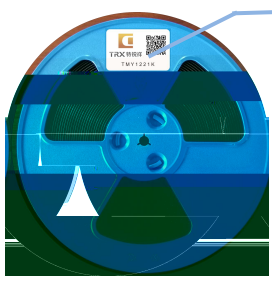



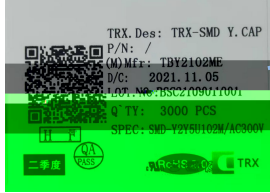
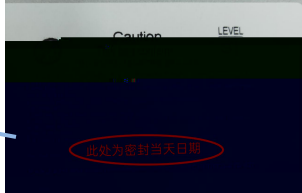




11.3 /P

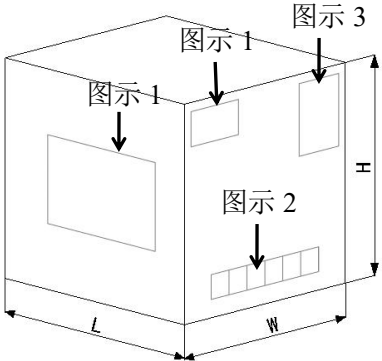



Item	Data	Remark
Cover tape adhesion	10 ~ 100g	Carrier tape and cover tape open angle 165 ~ 180° F=300±5mm/minute







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11.4 /P P

/inner-packaging		/I	
 <p>标签/L</p>	 <p>料号</p>	.D	
 <p>3.0KPC /</p>		P/N	
	 <p>此处为密封当天日期</p>	M	
		D/C	
		L .N	
		PEC	

/Outer-packaging			
			
图示 1/F 1	图示 2/F 2	图示 3/F 3	
D ()		O B	
L	H	45KPC 10.0KG	
355	294		

/Package sketch:			
			
/O B	15 / /15 /B	(/ /)	(/ /)
		P (L/ /H)	(L/ /H)
		1100*1100*90	1100*1100*1600

1. " 5" 5 2. PALLE & APPING
 Remark: 1. 5 ; 3.50 ; 2. P & -
 ; 3.50 ; 4. N

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12. /Application notes

①.

A

②.

PCB

PCB

PCB

C

(PCB)

PCB

PCB