

深圳市弗瑞鑫电子有限公司

规格承认书

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approve	



TRX电容一级代理商

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1. /


$\overline{\text{①}}$ $\overline{\text{②}}$ $\overline{\text{③}}$ $\overline{\text{④}}$ $\overline{\text{⑤}}$ $\overline{\text{⑥}}$

N . C de

E a a

① T

TL

/	
	eg e ed ade a / b a d
TL	SMD-Y2 SMD-Y2 e e
E	/ c de f D e e c c SL / B(Y5P) / E(Y5U) / F(Y5V)
102	/ Ca ac a ce (22-2200 F : 220-222)
M	/Ca ac a ce e a ce K(± 10%)/M(± 20%)
X1 440V	X1 X1 c a a ed age
Y2 300V	Y2 Y2 c a a ed age
M0512	Da e c de

3. /

c de f ea				c de f h		c de f da			
ea	c de	ea	c de	h	c de	da	c de	da	c de
		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	R	4	04	4	04	19	19
2012	C	2024	S	5	05	5	05	20	20
2013	D	2025	T	6	06	6	06	21	21
2014	E	2026	U	7	07	7	07	22	22
2015	F	2027	V	8	08	8	08	23	23
2016	H	2028	W	9	09	9	09	24	24
2017	J	2029	X	10	10	10	10	25	25
2018	K			11	11	11	11	26	26
2019	L			12	12	12	12	27	27
						13	13	28	28
						14	14	29	29
						15	15	30	30
								31	31

20

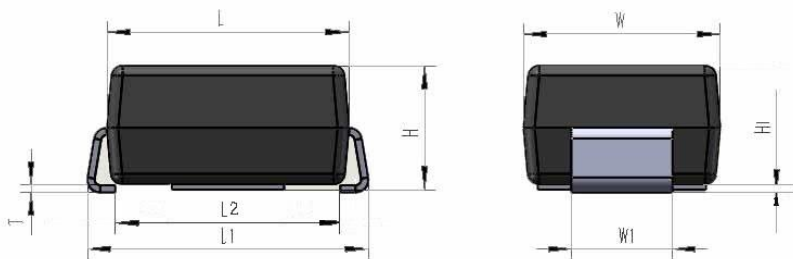
N e: he ea c de e ea ce e e 20 ea f a e- ee e d.

4. /

Ce fca	S a da d be	Ce fca e be	Ce fed age
UL/CUL	UL/CSA 60384-14	E315719	AC300V(. . .)
CQC	GB/T6346.14-2015	CQC20001280609	AC300V(. . .)
ENEC	EN 60384-14:2013/A1:2016	ENEC-03177	AC300V(. . .)
KC	K60384-14	HU03034-21003A	AC250V(. . .)

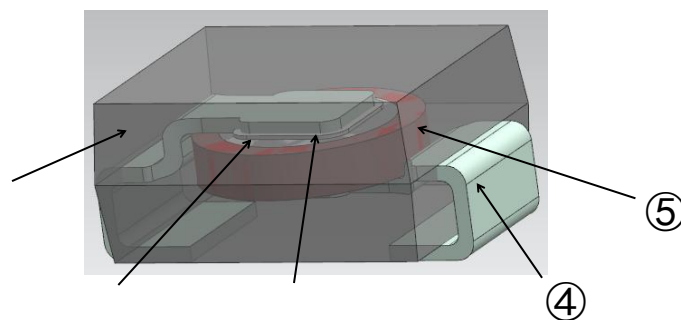
5. /

5.1 /P d c D e



P d c D e ()			
L	4.3 0.1	W	3.5 0.3
L1	5.0 0.1	L2	4.0 0.1
H	2.2 0.1	W1	1.8 0.05
H1	0.1 0.05	T	0.13 0.02

5.2 /P d c c e



N .	Pa a e	Mae a
①	C a g	E d g c (UL94V-0) d (UL94V-0)
②	E ec de	S e /C e
③	S de	S -Pb-Ag S -Pb-Ag S de
④	Lead P	T ed c e
⑤	D e ec c	Ce a c

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6.2 /F S de g

When the capacitor is held in the oven, the temperature shall be maintained at 280°C.

Storage temperature shall be 280°C.

Storage temperature shall be 30°C.

Preheating temperature shall be 200°C.

Preheating temperature shall be 180°C.

6.3 /S de g I PCB/PWB

When the component is mounted on a PCB/PWB, the distance between the component leads and the adjacent components shall be maintained. The distance between the component leads and the adjacent components shall be maintained.

When the capacitor is held in the oven, the temperature shall be maintained at 400°C.


Temperature shall be 400°C.

Storage temperature shall be 50W.

Storage temperature shall be 5°C.

7. /

NO	I e	S e c f c a	e e h d
1	A e a a c e	N b e d a a g e L e g b e a g L e a d d a a d f a c e h d e .	a d e d e e a g f e
2	D e	5.1 S e e 5.1 f d e a	U g c a e a d c e e

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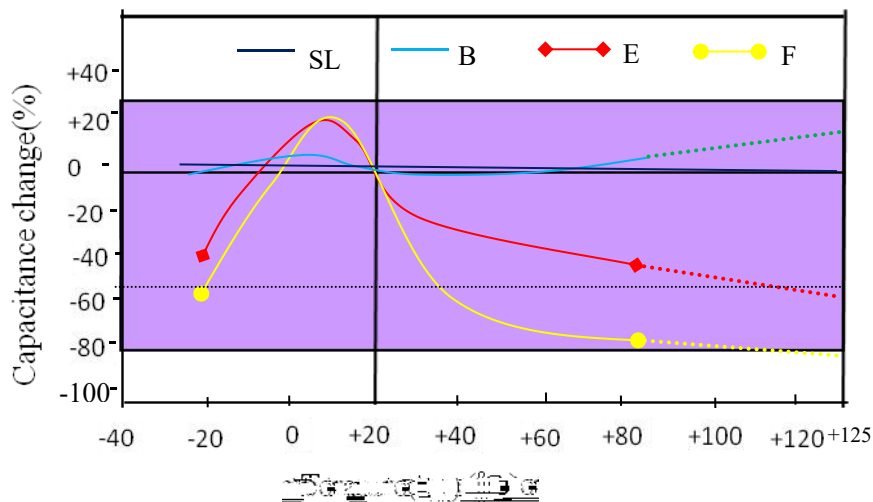
NO	I e	S e c f c a	e e h d
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3 VØ □ dh geL~~17~~ h e

NO	I e	S e c f c a	e e h d
8	Re a c e d e g h e a	a e a a	150 180 C 90 30 P e h e a h e c a a c a 150 180 C f 90 30 .
		age f	NO.3 P a h e e NO.3
		Ca a c a c e	SL:± 10% Y5P:± 10% Y5U:± 20% Y5V:± 20%
		D.F.	SL: 1.0% Y5P: 2.5% Y5U: 2.5% Y5V: 2.5%
		I.R.	NO.7 P a h e e NO.7
			/Ref e . : 230 C-260 C /Ref e : 60± 15 . /Ref b e f e : 4 e 15--35 45--75%RH 24 2 L e a 15-35 , 45-75% RH c d f 24 2 h, h e e a e. The e e f c e h d b e d e a f e h e e e a e f h e a e h a d e d e e a e .
9	S d e a b	(90%) 3 G d c a g (a e a b e 90%), h 3 f c e g e c e.	(JIS K 8101) (JIS K 5902) () 25%) () I e e h e c a a c h e f e h a (JIS K 8101) a d (JIS K 5902) (25%) e g h) . (R e f e c e) 2 0.5 I e e d e f 2 0.5 . T e . f d e : 245 10 C
10	T e e a e c c e	a e a a	N b e d a a g e
		age f	NO.3 P a h e e NO.3
		Ca a c a c e c h a g e	SL:± 10% Y5P: 10% Y5U: 20% Y5V: 20%
		D.F.	SL: 1.0% Y5P: 2.5% Y5U: 2.5% Y5V: 2.5%
		I.R.	NO.7 P a h e e NO.7
			e c a e g e e a e : +125 3 e c a e g e e a e : -40 3 / b e f c c e : 5 d a f e e a h e e e a e 30 25 3 24 2 C a a c h a b e a c e d a 25 3 f 24 2 h b e f e a e a e e .

NO	I e	S e c f c a	e e h d
16	C R e a c e	N b e d a g e . NO.3 NO.7 P e f a c e a c c d g N .3 N .7	:30± 5% 70± 5% S e b e e d : 30± 5% a c h a d 70± 5% f a c d /S e e e a e : 23 5 5± 0.5 The c a a c h a b e e g e d e f 5 0.5 e c d . /R e c e e : 8h
17	S e e a c e f h e a g	The a g h a b e e g b e	:30± 5% 70± 5% S e b e e d : 30± 5% a c h a d 70± 5% f a c d /S e e e a e : 23 5 5± 0.5 10 The c a a c h a b e e g e d e f 5 0.5 e c d a d a h a b e e d h e d g e f 10 e .

8. /



9. /

R HS2.0 2011/65/EU

ha ge

REACH N 190 7/2006



S b a c e	c c e a (:)
/Cd a d cad c d	<100
/Lead a d ead c d	<1000
/Me c a d e c c d	<1000
/He a a e ch c d	<1000
PBBS/P b a ed b he	<1000
PBDES/P b a ed d he e he	<1000
+ + + /Cd+Pb+Hg + C +6(ac g a e a)	<100
/C	<900
/B	<900
+ /C +B	<1500
REACH SVHC S b a c e fVe H gh C ce (SVHC) fREACH	TRX REACH The a e each e fTRX ha e a

10. /

(1).

The a g E ded ca ac d e f a e fec ea ; he ef e, d e e ca ac a c e a he e, e ec a he e ch de ga , f de ga . ac d, a a , a he e a e e e . A d a d e e e e. S , de a d he ab f e, ca ac a e ac ed e- fe e e.

(2). 12

S e he ca ac he f g c d a a e , a d e h 12 h a f e de e ed.

/Te e a e: 10 30

/H d : 60% a .

(3). 168

S de he e c ed ca ac h 168 h a f e e g he e- f ac age. A f e e g, e he ca ac e- f ac age h a de cca a d HIC ca d a d ee he ab e c d .

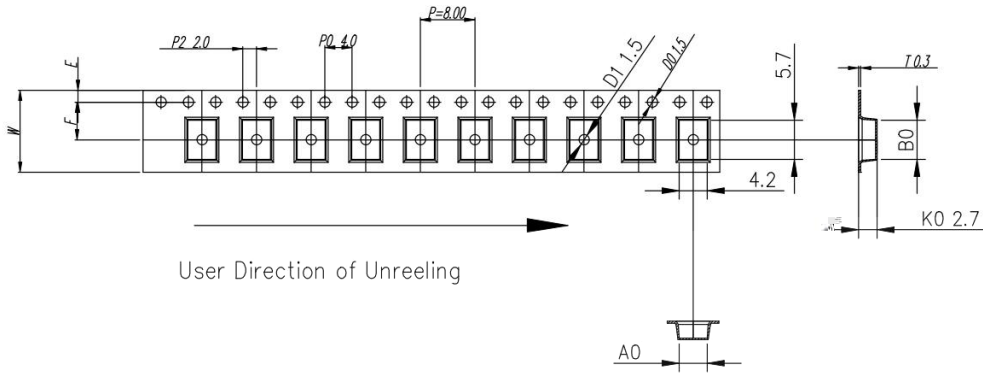
(4). 6

60 × 168

I ca e he age e d ha bee e ceeded 6 h he d ca c f a e c ed HIC ca d ha cha ged he he ac age ha bee e ed, e f ba g (60 168h) bef e de g.

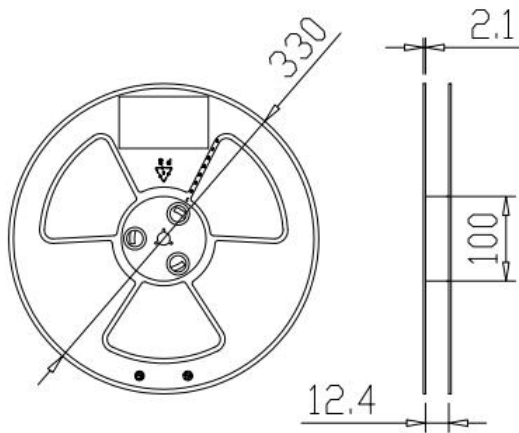
11. /

11.1 /D e f a e



ITEM	W	A0	B0	K1	K0	P	F	E	D0	D1	P0	P2	T
DIM	12.0	4.8 ± 0.10	5.70 ± 0.10	--	2.70 ± 0.10	8.00 ± 0.10	5.50 ± 0.10	1.75 ± 0.10	$\phi 1.5 \pm 0.05$	$\phi 1.5 \pm 0.10$	4.0 ± 0.10	2.0 ± 0.10	0.30 ± 0.05
ALTERNATE													

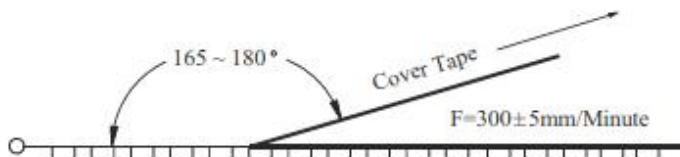
11.2 /D e f Ree



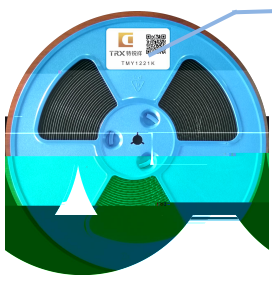

REEL	REEL SIZE
3000 c	13 ch

11.3 /Pee g f f ce

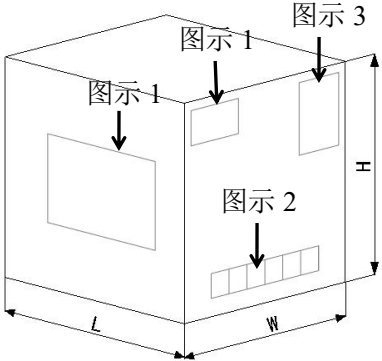



Item	Data	Remark
Cover tape adhesion	10 ~ 100g	Carrier tape and cover tape open angle 165 ~ 180° F=300±5mm/minute








11.4 /P d c Pac ag g Sche e

 <p>标签/Labe</p>	 <p>TRX 料号 TBY2102ME</p>	/I e	
		TRX.De	
<p>/Ree S e: 13 ch 3.0KPCS/Ree</p>		P/N	
		Mf	
		D/C	
		L .N	
		Q TY	
		SPEC	

/P d c f a abe /Labe Sea ed bag /H d e e abe

			
	图示 1/F g e 1	图示 2/F g e 2	图示 3/F g e 3
D e ()		Q a	O B We gh
L	W	H	45KPCS
355	358	294	

			
/O B	15 / /15Ree /B	(/ /) Pa e S e(L/W/H) 1100*1100*90	(/ /) S ac g e(L/W/H) 1100*1100*1600
1. " 5"	5	2. PALLET &	WRAPPING
3. 50c	4. /	:1.The 5 he ac g ac ed a e ca ' e ha 5 a e ;2. Pa e ac ag g& g-d a ce a h d be a g; 3.50 c ab e he he gh f he a ce d d ;4. N a e e a e/h d ee g.	

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12. /

- ①. A e d a he fac ha e e f he age f e b he e a da age he
ca ac .
- ②. PCB PCB
PCB
Ca ac a