
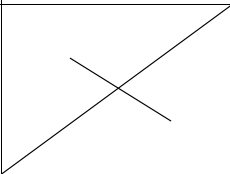


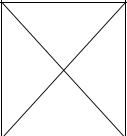



REQUEST FOR APPROVAL

CUSTOMER	
PRODUCT	CERAMIC CAPACITOR (DISC TYPE)
MODEL	LOW VOLTAGE PRODUCT(DC 50,500V)
CONTENTS	PRODUCT SPECIFICATION HAZARD MATERIAL ANALYSIS RESULT TAPING SPECIFICATION

DRAFT	REVIEW	DECISION
		
05.12.10	/	05.12.10

NETRON TECH CO., LTD.

Document No.	SEC - 1	CERAMIC CAPACITOR SPECIFICATION (DISC TYPE)	Draft	Review	Decision
Making Date	2005.12.10.				
Rev. Date(No.)	-				
Written by	N.Y. PARK		12/10	/	12/10

CUSTOMER :
PRODUCT : CERAMIC CAPACITOR (DISC TYPE)
MODEL : LOW VOLTAGE PRODUCT (DC50,500V)

CONTENT

- 1. PRODUCT SPECIFICATION ----- 1~6 PAGE
- 2. PRODUCT LIST ----- 7~9 PAGE
- 3. TAPING SPECIFICATION ----- 10 PAGE



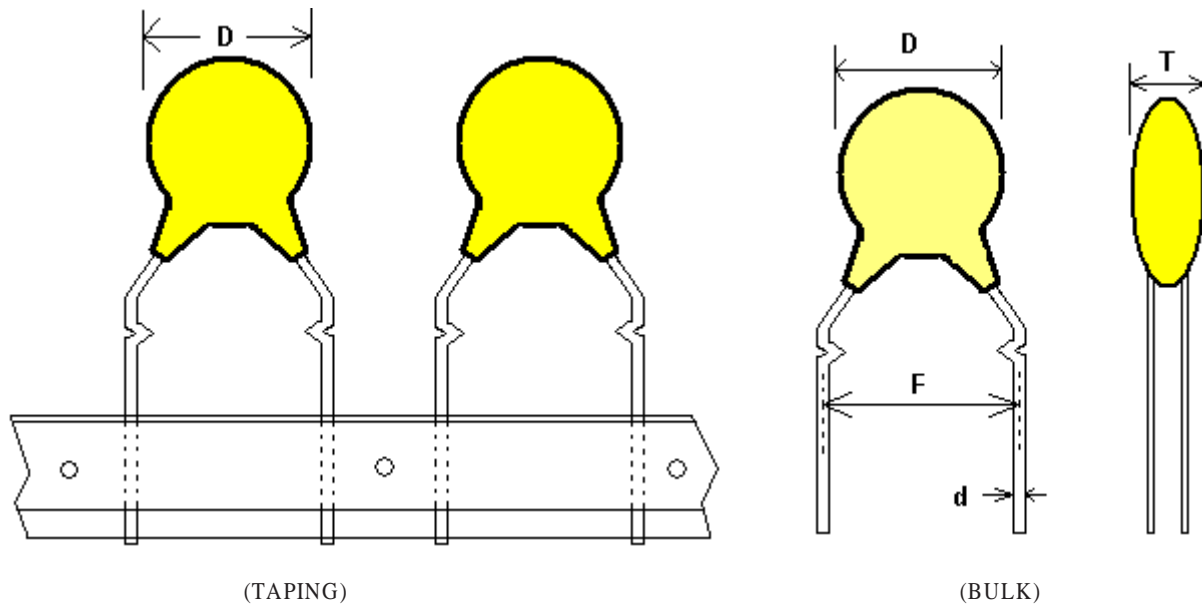
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TEL : +86-631-808-2937 , FAX : +86-631-808-2935

1. SCOPE

: THIS SPECIFICATION IS APPLIED TO THE CAPACITORS USED IN THE RESONANCE, BY PASS AND COUPLING CIRCUITS OF ELECTRONIC EQUIPMENT.
 OPERATING TEMPERATURE IS -25 ~ +85 .

2. PRODUCT SHAPE



3. PART NUMBER

: CC CH 1H 101 J E
 1) 2) 3) 4) 5) 6)

- 1) LOW VOLTAGE PRODUCT(COMMON CODE)
- 2) TEMPERATURE CHARACTERISTICS
- 3) RATED VOLTAGE
- 4) NOMINAL CAPACITANCE
- 5) CAPACITANCE TOLERANCE
- 6) SHAPE CODE

2) TEMPERATURE CHARACTERISTICS	
CODE	CAPACITANCE CHANGE or TEMPERATURE COEFFICIENT
CH, RH, UJ, SL	0 ±60PPM/ , -220 ±60PPM/ , -750 ±120PPM/ , -1000~+350PPM/
YB, YE, YF	±10% , +20 ~ -55% , +30 ~ -80%
YV	+30 ~ -80%

3) RATED VOLTAGE	
1H	50V-D.C
2H	500V-D.C

4) NOMINAL CAPACITANCE			
2R5	2.5 pF	100	10 pF
050	5.0 pF	101	100 pF

5) CAPACITANCE TOLERANCE	
C, D, J, K, M	±0.25pF, ±0.50pF, ±5%, ±10%, ±20%
P, Z	-0 ~ +100%, -20 ~ +80%

6) SHAPE CODE	
E	IN KINK TAPING
D	IN KINK BULK

4. MODEL SPECIFICATION

: REFER TO PAGE 7 ~ 9.

5. INSTRUMENT

- 1) CAPACITANCE AND DISSIPATION FACTOR : LCR METER(HP 4278A)
- 2) INSULATION RESISTANCE : HIGH RESISTANCE METER(HP 4339B)
- 3) VOLTAGE PROOF : WITHSTANDING VOLTAGE TESTER(KIKUSUI TOS-5101)

6. ELECTRICAL TEST

1) NOMINAL CAPACITANCE

: THE CAPACITANCE SHALL BE WITHIN SPECIFIED TOLERANCE WHEN MEASURED AT 20 WITH $1 \pm 0.2\text{kHz}$ AND AC 1~5V(r.m.s) - IN CASE CH, RH, UJ, SL.

THE CAPACITANCE SHALL BE WITHIN SPECIFIED TOLERANCE WHEN MEASURED AT 20 WITH $1 \pm 0.2\text{kHz}$ AND AC 1~5V(r.m.s) - IN CASE YB, YE YF.

THE CAPACITANCE SHALL BE WITHIN SPECIFIED TOLERANCE WHEN MEASURED AT 20 WITH $1 \pm 0.2\text{kHz}$ AND AC 0.1V(r.m.s) - IN CASE YV.

2) DISSIPATION FACTOR (Q)

: THE DISSIPATION FACTOR MUST SATISFY TABLE-1 WHEN MEASURED WITH 6-1) - CONDITION. (TABLE 1)

CH, RH, UJ, SL	Q $400 + 20 \times C$ (C < 30 pF) Q 1,000 (C 30 pF) C : NOMINAL CAPACITANCE
YB, YE	D.F 2.5%
YF, YV	D.F 5.0%

3) INSULATION RESISTANCE

: THE INSULATION RESISTANCE SHALL BE 10,000MΩ MINIMUM WHEN MEASURED WITH DC50±1V WITHIN 60±5S OF CHARGING.(DC500±50V FOR RATED VOLTAGE : 500V) IN CASE "YV" SHALL BE 5MΩ MINIMUM.

4) VOLTAGE PROOF

: THE CAPACITOR SHALL NOT BE DAMAGE WHEN DC VOLTAGE OF 300% (250% IN CASE RATED VOLTAGE IS 500V) OF THE RATED VOLTAGE ARE APPLIED BETWEEN THE LEAD WIRES FOR 1 TO 5S. (CHARGE/DISCHARGE CURRENT 10mA)

5) TEMPERATURE CHARACTERISTICS

: THE CAPACITANCE MEASUREMENT SHALL BE MADE AT EACH STEP SPECIFIED IN TABLE-2. CAPACITANCE CHANGE FROM THE VALUE OF STEP 3 SHALL NOT EXCEED THE LIMIT SPECIFIED IN TABLE-2.

PRE-TREATMENT

: CAPACITOR SHALL BE STORED AT 85 ± 2 (IN CASE "YV" : 125 ± 3) FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ± 2 H BEFORE INITIAL MEASUREMENT. (ROOM CONDITION : 15~35 , RELATIVE HUMIDITY = 45~75%) (TABLE 2)

CHARACTER	1 ~ 5 STEP TEMPERATURE RANGE()	CAPACITANCE CHANGE
CH	(1STEP)+20 ±2 , (2STEP)-25 ±3 ,	0 ± 60 PPM/
RH	(3STEP)+20 ±2 , (4STEP)+85 ±2 ,	-220 ± 60 PPM/
UJ	(5STEP)+20 ±2 .	-750 ± 120 PPM/
SL	ONLY 3, 4, 5 STEP APPLIED	+350 ~ -1,000 PPM/
YB		±10%
YE	(1STEP)+20 ±2 , (2STEP)-25 ±3 ,	+20 ~ -55%
YF	(3STEP)+20 ±2 , (4STEP)+85 ±2 ,	+30 ~ -80%
YV	(5STEP)+20 ±2 .	+30 ~ -80%

6) HUMIDITY(UNDER STEADY STATE)

: SET THE CAPACITOR FOR 500(+24/-0)H AT 40 ±2 IN 90 TO 95% RELATIVE HUMIDITY. AND THEN CAPACITOR MUST SATISFY TABLE-3.

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 85 ±2 FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 1~2H AT ROOM CONDITION. (ROOM CONDITION : 15~35 , RELATIVE HUMIDITY = 45~75%)

IN CASE "YV"

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 24 ±2H AT ROOM CONDITION. TEST PROCEDURE

I.R+VOLTAGE PROOF PRE-TREATMENT CAP.& D.F HUMIDITY
POST-TREATMENT CAP.& D.F + I.R + VOLTAGE PROOF

(TABLE 3)

APPEARANCE	NO MARKED DEFECT
CAPACITANCE CHANGE	WITHIN ±5% OR ±0.5pF WHICHEVER IS GREATER (CH, RH, UJ, SL) WITHIN ±10% (YB) WITHIN ±20% (YE,YV) WITHIN ±30% (YF)
DISSIPATION FACTOR	Q 200+10 ×C (C<10pF), Q 275+(5/2) ×C(10<C 30pF), Q 350(C 30pF) (CH, RH, UJ, SL) D.F 5.0% (YB, YE) D.F 7.5% (YF, YV)
INSULATION RESISTANCE	I.R 1,000 MΩ (CH, RH, UJ, SL, YB, YE, YF) I.R 5 MΩ × C (C : μF) (YV)
VOLTAGE PROOF	PASS THE ITEM 7.4.

7) HUMIDITY LOADING

: APPLY THE RATED VOLTAGE FOR 500(+24/-0)H AT 40 ±2 IN 90 TO 95% RELATIVE HUMIDITY. AND THEN CAPACITOR MUST SATISFY TABLE-4.

(CHARGE/DISCHARGE CURRENT 10mA)

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 85 ±2 FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 1~2 H AT ROOM CONDITION. (ROOM CONDITION : 15~35 , RELATIVE HUMIDITY = 45~75%)

IN CASE "YV"

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H, THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE MEASURING CAP.& D.F

TEST PROCEDURE

I.R+VOLTAGE PROOF PRE-TREATMENT CAP.& D.F
HUMIDITY LOADING "I.R+VOLTAGE PROOF"() POST-TREATMENT CAP.& D.F
(: MEASUREMENT WILL BE HELD IN 1~2H AFTER HUMIDITY LOADING TEST)

(TABLE 4)

APPEARANCE	NO MARKED DEFECT
CAPACITANCE CHANGE	WITHIN ±5% OR ±0.5pF WHICHEVER IS GREATER (CH, RH, UJ, SL) WITHIN ±10% (YB) WITHIN ±20% (YE,YV) WITHIN ±30% (YF)
DISSIPATION FACTOR	Q 200+10 ×C (C<10pF), Q 275+(5/2) ×C(10<C 30pF), Q 350(C 30pF) (CH, RH, UJ, SL) D.F 5.0% (YB, YE) D.F 7.5% (YF, YV)
INSULATION RESISTANCE	I.R 1,000 MΩ (CH, RH, UJ, SL) I.R 500 MΩ (YB, YE, YF) I.R 5 MΩ × C (C : μF) (YV)
VOLTAGE PROOF	PASS THE ITEM 7.4.

8) LIFE

: APPLY A DC VOLTAGE OF 200% (IN CASE "YV" : 150%) OF THE RATED VOLTAGE FOR 1000(+48/-0)H AT 85 ±2 . AND THEN CAPACITOR MUST SATISFY TABLE-5.

(CHARGE/DISCHARGE CURRENT 10mA)

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 85 ±2 FOR 1H,

THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 24 ±2H AT ROOM CONDITION.

(ROOM CONDITION : 15~35 , RELATIVE HUMIDITY = 45~75%)

IN CASE "YV"

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H,

THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H,

THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

TEST PROCEDURE

I.R.+VOLTAGE PROOF PRE-TREATMENT CAP.& D.F LIFE

"I.R.+VOLTAGE PROOF"() POST-TREATMENT CAP.& D.F

(: MEASUREMENT WILL BE HELD IN 24 ±2H AFTER LIFE TEST)

(TABLE 5)

APPEARANCE	NO MARKED DEFECT
CAPACITANCE CHANGE	WITHIN ±3% OR ±0.35pF WHICHEVER IS GREATER (CH, RH, UJ, SL) WITHIN ±10% (YB) WITHIN ±20% (YE,YV) WITHIN ±30% (YF)
DISSIPATION FACTOR	Q 200+10 ×C (C<10pF), Q 275+(5/2) ×C(10<C 30pF), Q 350(C 30pF) (CH, RH, UJ, SL) D.F 4.0% (YB, YE) D.F 7.5% (YF, YV)
INSULATION RESISTANCE	I.R 2,000 MΩ (CH, RH, UJ, SL, YB, YE, YF) I.R 5 MΩ × C (C : μF) (YV)
VOLTAGE PROOF	PASS THE ITEM 7.4.

9) SOLDERING EFFECT

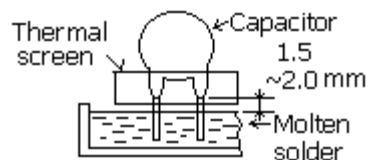
: THE LEADWIRE SHALL BE IMMERSSED INTO THE MELTED SOLDER OF 350 ±10

(NOMINAL BODY DIAMETER 5mm AND UNDER 270 ±5)

UP TO ABOUT 1.5~2.0mm FROM THE MAIN BODY FOR 3.5 ±0.5S.

(NOMINAL BODY DIAMETER 5mm AND UNDER 5 ±0.5S.)

CAPACITOR MUST SATISFY TABLE-6.



PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 85 ±2 FOR 1H,

THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 1 TO 2 H AT ROOM CONDITION.

(ROOM CONDITION : 15~35 , RELATIVE HUMIDITY = 45~75%)

IN CASE "YV"

PRE-TREATMENT : CAPACITOR SHALL BE STORED AT 125 ±3 FOR 1H,

THEN PLACED AT ROOM CONDITION FOR 24 ±2H BEFORE INITIAL MEASUREMENT.

POST-TREATMENT : CAPACITOR SHALL BE STORED FOR 24 ±2H AT ROOM CONDITION.

TEST PROCEDURE

I.R.+VOLTAGE PROOF PRE-TREATMENT CAP.& D.F SOLDERING EFFECT

POST-TREATMENT CAP.& D.F + I.R + VOLTAGE PROOF

(TABLE 6)

APPEARANCE	NO MARKED DEFECT
CAPACITANCE CHANGE	WITHIN ±2.5% OR ±0.25pF WHICHEVER IS GREATER (CH, RH, UJ, SL) WITHIN ±5% (YB) WITHIN ±15% (YE,YV) WITHIN ±20% (YF)
DISSIPATION FACTOR	D.F 5.0% (YV)
INSULATION RESISTANCE	I.R 5 MΩ × C (C : μF) (YV)
VOLTAGE PROOF	PASS THE ITEM 7.4.

8. MARKING

8-1) TEMPERATURE CHARACTERISTICS

1) CH, RH, UJ, SL

: MARK 1/3-DISC DIAMETER WITH THE COLOR.

(CH=BLACK, RH=YELLOW, UJ=VIOLET, SL=NOT MARK)

2) YB, YE

: MARK BY USING CAPITAL.

(YB=B, YE=E)

3) YF, YV

: OMIT

8-2) NOMINAL CAPACITANCE

: SIGNIFICANT FIGURE (IN CASE $C < 100\text{pF}$),

THREE DIGIT. (IN CASE $C \geq 100\text{pF}$)

8-3) CAPACITANCE TOLERANCE

: OMIT.

8-4) RATED VOLTAGE

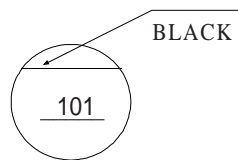
: UNDERLINE CAPACITANCE (IN CASE : 50V)

NOT MARK. (IN CASE : 500V)

8-5) MANUFACTURING DATE

: OMIT.

EXAMPLE : CH1H101JE



PRODUCT LIST

NRT CODE	SEC CODE	CAPACITANCE (pF)	RATED VOLTAGE	DIMENSION (max.)		SHAPE
				D	T	
CCYB1H102KE	2201-000017	1000	50V	5.5	3.0	In Kink Taping
CCYF2H103ZE	2201-000019	10000	500V	9.0	3.0	In Kink Taping
CCYB2H152KE	2201-000110	1500	500V	7.5	3.0	In Kink Taping
CCYB1H152KE	2201-000112	1500	50V	5.5	3.0	In Kink Taping
CCYB2H182KE	2201-000117	1800	500V	7.5	3.0	In Kink Taping
CCYV1H104ZEN	2201-000119	100000	50V	7.0	3.0	In Kink Taping
CCYB2H101KE	2201-000132	100	500V	5.5	3.0	In Kink Taping
CCYB1H101KE	2201-000138	100	50V	5.0	3.0	In Kink Taping
CCCH1H101JD	2201-000139	100	50V	7.0	3.0	In Kink Taping
CCCH1H101JE	2201-000144	100	50V	7.0	3.0	In Kink Taping
CCRH1H101JE	2201-000145	100	50V	7.0	3.0	In Kink Taping
CCSL1H101JE	2201-000146	100	50V	5.5	3.0	In Kink Taping
CCYF1H103ZE	2201-000163	10000	50V	6.5	3.0	In Kink Taping
CCYB2H103KD	2201-000173	10000	500V	14.5	3.0	In Kink Bulk
CCYB1H103KE	2201-000177	10000	50V	10.5	3.0	In Kink Taping
CCYB1H103KE	2201-000180	10000	50V	10.5	3.0	In Kink Taping
CCCH2H100CE	2201-000192	10	500V	5.5	3.0	In Kink Taping
CCCH1H100CE	2201-000193	10	50V	4.5	3.0	In Kink Taping
CCCH1H120JE	2201-000222	12	50V	5.5	3.0	In Kink Taping
CCCH1H151JE	2201-000234	150	50V	8.5	3.0	In Kink Taping
CCCH1H150JE	2201-000247	15	50V	5.5	3.0	In Kink Taping
CCCH1H160JE	2201-000257	16	50V	5.0	3.0	In Kink Taping
CCCH1H170JE	2201-000258	17	50V	5.5	3.0	In Kink Taping
CCYB2H181KE	2201-000259	180	500V	5.5	3.0	In Kink Taping
CCYB1H181KE	2201-000262	180	50V	4.5	3.0	In Kink Taping
CCCH1H181JE	2201-000264	180	50V	8.5	3.0	In Kink Taping
CCRH1H181JE	2201-000265	180	50V	10.0	3.0	In Kink Taping
CCCH1H180JE	2201-000273	18	50V	5.0	3.0	In Kink Taping
CCYF1H102ZE	2201-000281	1000	50V	5.5	3.0	In Kink Taping
CCYB2H102KE	2201-000291	1000	500V	6.5	3.0	In Kink Taping
CCYB1H102KE	2201-000292	1000	50V	5.5	3.0	In Kink Taping
CCCH1H010CE	2201-000304	1	50V	5.0	3.0	In Kink Taping
CCYB2H222KE	2201-000325	2200	500V	8.5	3.0	In Kink Taping
CCYB1H222KE	2201-000327	2200	50V	5.5	3.0	In Kink Taping
CCYB1H272KE	2201-000343	2700	50V	6.5	3.0	In Kink Taping
CCSL1H201JE	2201-000345	200	50V	6.5	3.0	In Kink Taping
CCCH1H200JE	2201-000354	20	50V	5.5	3.0	In Kink Taping
CCYB1H221KE	2201-000370	220	50V	4.5	3.0	In Kink Taping
CCCH1H221JE	2201-000374	220	50V	9.5	3.0	In Kink Taping

PRODUCT LIST

NRT CODE	SEC CODE	CAPACITANCE (pF)	RATED VOLTAGE	DIMENSION (max.)		SHAPE
				D	T	
CCRH1H221JE	2201-000375	220	50V	10.5	3.0	In Kink Taping
CCSL1H221JE	2201-000376	220	50V	6.5	3.0	In Kink Taping
CCYF1H223ZE	2201-000379	22000	50V	9.0	3.0	In Kink Taping
CCCH1H220JE	2201-000389	22	50V	5.0	3.0	In Kink Taping
CCRH1H220JE	2201-000390	22	50V	5.5	3.0	In Kink Taping
CCYB2H271KE	2201-000409	270	500V	5.5	3.0	In Kink Taping
CCYB1H271KE	2201-000411	270	50V	5.5	3.0	In Kink Taping
CCSL1H270JE	2201-000426	27	50V	5.5	3.0	In Kink Taping
CCSL1H020CE	2201-000436	2	50V	5.5	3.0	In Kink Taping
CCYB2H332KE	2201-000441	3300	500V	9.5	3.0	In Kink Taping
CCYB1H332KE	2201-000443	3300	50V	6.5	3.0	In Kink Taping
CCYB2H331KE	2201-000469	330	500V	5.5	3.0	In Kink Taping
CCYB1H331KE	2201-000471	330	50V	4.5	3.0	In Kink Taping
CCSL1H331JE	2201-000472	330	50V	7.5	3.0	In Kink Bulk
CCSL2H330JE	2201-000476	33	500V	5.5	3.0	In Kink Taping
CCCH1H330JE	2201-000483	33	50V	5.5	3.0	In Kink Taping
CCSL1H330JE	2201-000487	33	50V	5.5	3.0	In Kink Taping
CCYB1H391KE	2201-000496	390	50V	4.0	3.0	In Kink Taping
CCSL1H391JE	2201-000499	390	50V	8.5	3.0	In Kink Taping
CCSL1H390JE	2201-000504	39	50V	5.5	3.0	In Kink Taping
CCYE2H472PE	2201-000516	4700	500V	7.0	3.0	In Kink Taping
CCYB2H472KE	2201-000530	4700	500V	10.5	3.0	In Kink Taping
CCYB1H472KE	2201-000532	4700	50V	7.5	3.0	In Kink Taping
CCYB2H471KE	2201-000556	470	500V	5.5	3.0	In Kink Taping
CCYB1H471KE	2201-000558	470	50V	5.5	3.0	In Kink Taping
CCRH1H470KE	2201-000568	47	50V	7.0	3.0	In Kink Taping
CCCH1H470JE	2201-000573	47	50V	5.5	3.0	In Kink Taping
CCSL1H470JE	2201-000576	47	50V	5.5	3.0	In Kink Taping
CCUJ1H470JE	2201-000578	47	50V	5.5	3.0	In Kink Taping
CCYB2H561KE	2201-000599	560	500V	5.5	3.0	In Kink Taping
CCYB1H561KE	2201-000600	560	50V	5.5	3.0	In Kink Taping
CCSL1H561JE	2201-000602	560	50V	9.5	3.0	In Kink Taping
CCSL2H560JE	2201-000604	56	500V	5.5	3.0	In Kink Taping
CCCH1H560JE	2201-000611	56	50V	6.5	3.0	In Kink Taping
CCYB2H681KE	2201-000641	680	500V	6.5	3.0	In Kink Taping
CCSL1H681KE	2201-000645	680	50V	10.0	3.0	In Kink Taping
CCCH2H680JE	2201-000647	68	500V	7.0	3.0	In Kink Taping
CCSL1H680JE	2201-000653	68	50V	5.5	3.0	In Kink Taping
CCCH1H070CE	2201-000662	7	50V	4.5	3.0	In Kink Taping

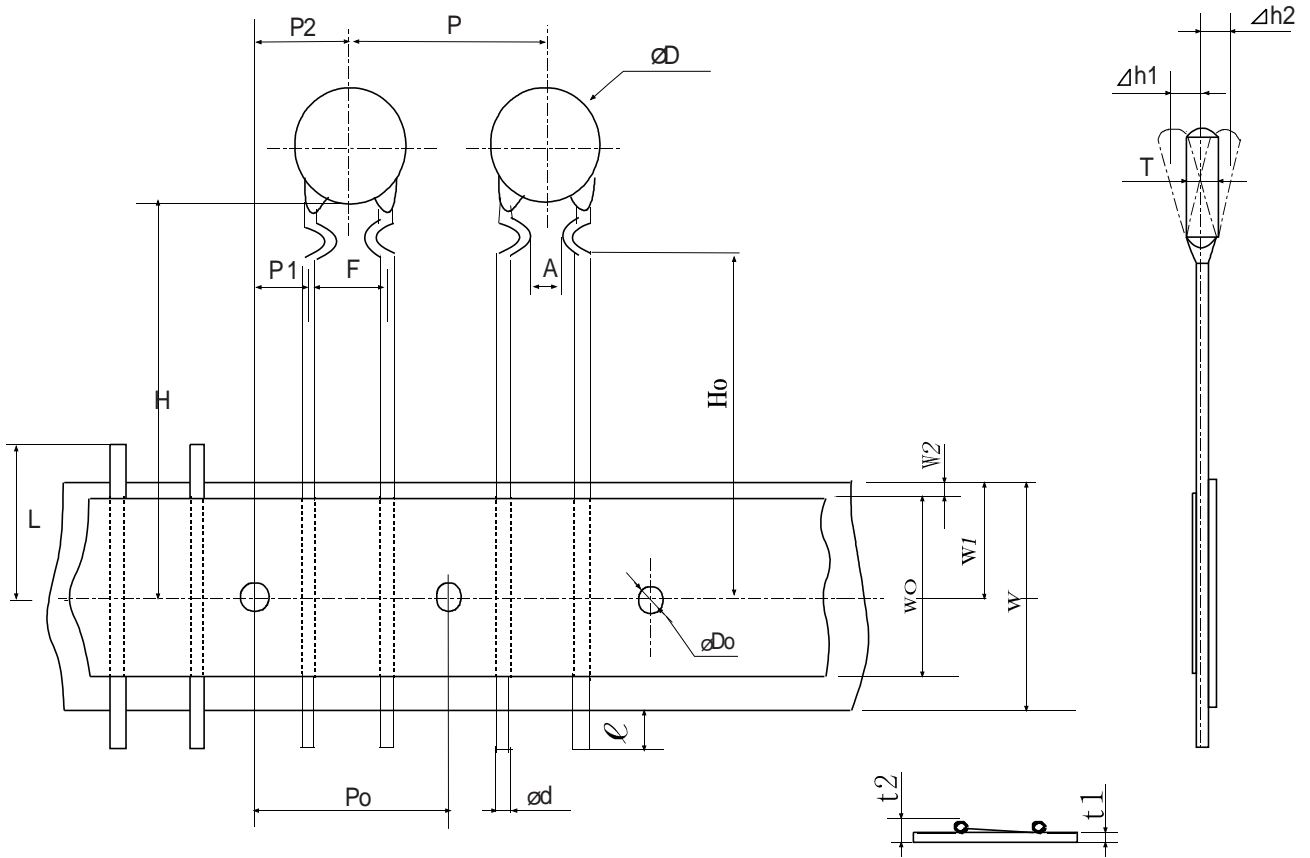
PRODUCT LIST

NRT CODE	SEC CODE	CAPACITANCE (pF)	RATED VOLTAGE	DIMENSION (max.)		SHAPE
				D	T	
CCYB2H821KE	2201-000672	820	500V	6.5	3.0	In Kink Taping
CCSL1H820JE	2201-000681	82	50V	5.5	3.0	In Kink Taping
CCCH1H080DE	2201-000689	8	50V	4.5	3.0	In Kink Taping
CCCH1H390JE	2201-000751	39	50V	5.5	3.0	In Kink Taping
CCCH1H820JE	2201-000764	82	50V	6.5	3.0	In Kink Taping
CCCH1H100DE	2201-000798	10	50V	5.5	3.0	In Kink Taping
CCSL1H271JE	2201-000823	270	50V	7.5	3.0	In Kink Taping
CCYB1H681KE	2201-000863	680	50V	5.5	3.0	In Kink Taping
CCYB2H221KE	2201-000930	220	500V	5.5	3.0	In Kink Taping
CCUJ1H050DE	2201-000949	5	50V	5.5	3.0	In Kink Taping
CCRH1H100DE	2201-000961	10	50V	5.5	3.0	In Kink Taping
CCRH1H120JE	2201-000962	12	50V	5.5	3.0	In Kink Taping
CCCH1H220JE	2201-000976	22	50V	5.0	3.0	In Kink Taping
CCCH1H300JE	2201-000980	30	50V	5.5	3.0	In Kink Bulk
CCYF1H103ZE	2201-000982	10000	50V	6.5	3.0	In Kink Taping
CCRH1H680JE	2201-000985	68	50V	7.0	3.0	In Kink Taping
CCCH1H120JE	2201-000986	12	50V	5.5	3.0	In Kink Taping
CCCH2H050CE	2201-002022	5	500V	5.5	3.0	In Kink Taping
CCCH1H050DE	2201-002031	5	50V	4.5	3.0	In Kink Taping
CCYB2H121KE	2201-002078	120	500V	5.5	3.0	In Kink Taping
CCYB2H151KE	2201-002079	150	500V	5.5	3.0	In Kink Taping
CCCH2H150JE	2201-002103	15	500V	5.5	3.0	In Kink Taping
CCYB2H152KE	2201-002108	1500	500V	7.5	3.0	In Kink Taping

HAZARD MATERIAL ANALYSIS RESULT

MODEL	PRODUCT ANALYSIS RESULT	Cd (PPM)	Pb (PPM)	Hg (PPM)	Cr6+ (PPM)	PBBs (PPM)	PBDEs (PPM)	EXAMPLE
CCYB1H102KE CCYF2H103ZE CCYB2H152KE CCYB1H152KE CCYB2H182KE CCYV1H104ZEN CCYB2H101KE CCYB1H101KE CCCH1H101JD CCCH1H101JE CCRH1H101JE CCSL1H101JE CCYF1H103ZE CCYB2H103KD CCYB1H103KE CCYB1H103KE CCCH1H100CE CCCH2H100CE CCCH1H120JE CCCH1H151JE	OK	<5	<100	<100	<100	<100	<100	
CCCH1H390JE CCCH1H820JE CCCH1H100DE CCSL1H271JE CCYB1H681KE CCYB2H221KE CCUJ1H050DE CCRH1H100DE CCRH1H120JE CCCH1H220JE CCCH1H300JE CCYF1H103ZE CCRH1H680JE CCCH1H120JE CCCH2H050CE CCYB2H121KE CCYB2H151KE CCCH2H150JE CCYB2H152KE								

TAPING SPECIFICATION
: LOW VOLTAGE PRODUCT (50, 500V)



Symbol	Dimension	Tolerance	Symbol	Dimension	Tolerance
P	12.7	± 1.0	W2	3.0 Max.	-
Po	12.7	± 0.3	H	20.0	-1.0 ~ +1.5
P1	3.85	± 0.7	A	2.2 Max	-
P2	6.35	± 1.3	H0	16.0	-0.0 ~ +0.5
ød	0.5 ~ 0.6	± 0.05	l	2.0 Max.	-
h1, h2	2.0 Max.	-	øD	3.5 ~ 11.5	-
F	5.0	-0.2 ~ +0.8	øD0	4.0	± 0.3
W	18	-0.5 ~ +1.0	t1	0.6	± 0.2
W0	6 Min.	-	t2	1.6 Max.	-
W1	9.0	-0.5 ~ +0.75	L	11 Max.	-