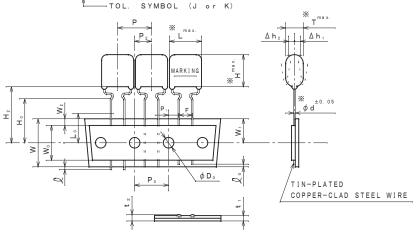
ITEM CODE	RATED	CAP.		DIMEN	SIONS	
TIEW OODL	VOLTAGE	(μF)	* L	* T	* н	* d
ECQE2103 () B3	250VDC	0.01	7. 9	4. 2	7. 1	0.5
" 2123 () B3	"	0.012	"	"	"	"
" 2153 () B3	"	0.015	"	"	"	"
" 2183 () B3	"	0.018	"	4. 3	7. 2	"
" 2223 () B3	"	0.022	"	"	"	"
" 2273 () B3	"	0.027	"	"	"	"
" 2333 () B3	"	0.033	"	"	"	"
" 2393 () B3	"	0.039	"	4. 5	7. 4	"
" 2473 () B3	"	0.047	"	"	"	"
" 2563 () B3	"	0.056	"	4. 7	7. 7	"
" 2683 () B3	"	0.068	"	5. 1	8. 0	"
" 2823 () B3	"	0.082	"	5. 4	8. 6	"
" 2104 () B3	"	0. 1	"	5. 9	9. 0	"
" 2124 () B3	"	0. 12	"	5. 7	10.6	"
" 2154 () B3	"	0. 15	"	6. 3	11. 2	"
" 2184 () B3	"	0.18	10.3	5. 0	9. 7	"
" 2224 () B3	"	0. 22	"	5. 4	10. 1	"
" 2274 () B3	"	0. 27	"	5. 9	10.8	"
" 2334 () B3	"	0.33	"	6. 4	11. 3	"
" 2394 () B3	"	0.39	12.3	5. 7	10.9	0.6
" 2474 () B3	"	0.47	"	6. 2	11. 4	"
" 2564 () B3	"	0.56	"	6. 7	11. 9	"
" 2684 () B3	"	0.68	"	7. 3	12. 7	"



CONSTRUCTION

The capacitor is of non-inductive construction, wound with metallized polyester film dielectric.

The capacitor is enclosed in non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage and date code.

PROPERTIES

at 1kHz. Capacitance :See table : ±5% (J) . ±10% (K) at 1kHz. Capacitance tolerance

Rated voltage :250VDC /s (Derating of rated voltage by 1.25%/°C at more than 85°C)

Withstand voltage (terminal-terminal) :250VDC×150% for 60s

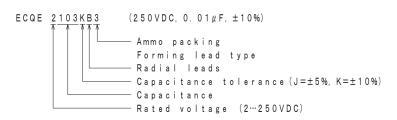
(C≦0. 33μF) at 100VDC, 20°C for 60s : ≥9000MΩ Insulation resistance $: \ge 3000 \text{M}\Omega \cdot \mu \text{ F}$ (C>0. $33 \mu \text{ F}$) at 100 VDC. $20 ^{\circ}\text{C}$ for 60 s

:≦1.0% at 1kHz, 20°C Dissipation factor : ∕5 From -40°C to +105°C Operating temperature range

(including temperature rise on unit surface)

REVISIONS INDICATED BY Δ DO NOT SCALE DRAWING

ITEM CODE NUMBER STRUCTURE



	ALTERATION	
ISSUE	DESCRIPTION	DATE
1	Modification	Aug. 27
2	Company name changed	0 c t . 1
3	Company name changed	Apr. 1 2005
4	Company name changed	Apr. 1 2006
5	Correction: category temperature range (-40°C+45°C+40°C+105°C) Addition: rated voltage by (Derating of rated voltage by 1.25%/°C at more than 85°C) Company name changed	Apr. 1 2008
6	Company name changed	Apr. 1 2012
A	Company name changed	Apr. 1 2013
8	Company name changed	Apr. 1 2015
Ŷ	Company name changed	Apr. 1 2022
SPECI	FICATIONS No.	

SYMBOL	ITEM	DIMENSION	REMARKS
Р	Pitch of component	12.7±1.0	Tilt of component and curvature of leads shall be included.
P _o	Feed hole pitch	12.7±0.2	
Ρ,	Feed hole center to lead	3.85±0.5	
P ₂	Hole center to comp. center		Tilt of component due to curvature of leads shall be included.
F	Lead-to-lead distance	5. 0 + 0 : 8	
∆ h _{1, 2}	Component alignment	0~2.0	Tilt of component due to curvature of leads shall be included.
W	Paper backing width	18.0±0.5	
W _o	Adhesive tape width	9.5min.	The hold down tape shall not protrude beyond the carrier tape.
W,	Hole position	9.0±0.5	
W ₂	Hold-down tape position	0~3.0	
H ₂	Component height	22.0±0.75	
H.	Lead-wire clinch height	16.0±0.5	
Ŷ.	Lead-wire protrusion	0 m a x .	
ŷ o	Lead-wire depression	7. 0 m a x.	
φ D.	Feed hole diameter	4.0±0.2	
t,	Total tape thickness	0.7±0.2	Total thickness including the hold down tape.
t 2	Total thickness	1. 5 m a x .	
L	Length of snipped lead	11. Omax.	

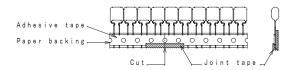
MARKING EXAMPLE

ALL DIMENSIONS ARE IN MILLIMETERS



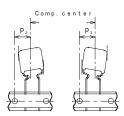
DESIGN M. MEKADA					
CHECKEO R - NIDA -					
APPROVAL T. KATO					
ESTABLISHMENT Jun. 15. 1999					
TYPE NAME					
ECQE2*** () B3					
NAME Metallized Polyester					
Film Capacitor					
DRAWING NAME					
PRODUCT DRAWING					
DRAWING No.					
CT-H-A43E (1/2)					

- Note 1. No more than 3 consecutive missing is permitted.
- Note 2. A tape conjection and a tape discrepancy specify as follows.



A tape sliding shall not exceed in an allowance of " P_0 " dimension. A joint tape put on the back side of paper backing, and turn up the lower part to the front.

- Note 3. Marking on components may not be the same side.
- Note 4. The tape adhesion is more than 3.92N(400gf)/25mm.
- Note 5. A tape trailer having at least 3 feed holes is required at the end of
- Note 6. 1) The P_1 and P_2 dimension shall be measured as shown in the figure after the adhes tape placing upward. (measuring from the center of sprocket hold to the right.)
 - 2) The P_2 dimension shall be measured between center of a vertical shadow plane for tape plan and center of sprocket hole.

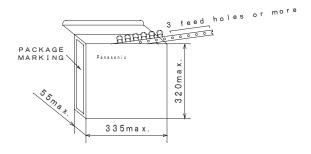


Note 7. The lead crimping shape shows as follows.



Packing specification

1. Case size



↑ 2. Packing quantity

Capacitance	Packing
range	quantity
0. 01~0. 033μF	2000
0. 039~0. 082μF	
0. 12, 0. 18μF	1500
0. 22 μ F	

Capacitance	Packing
range	quantity
0. 1, 0. 15 μ F	
0. 27~0. 68μF	1000

3. Handling notes

- 1) One package must be packed one product only.
- 2) The storage must be stacked 5 boxes or less (surface printed placing upward). (For prevension from displacement of capacitors and damage of lead climping.)
- 3) The packing box must be handled with care and never thrown out

TYPE NAME

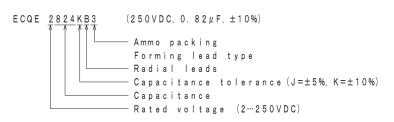
ECQE2***() B3

DRAWING No.

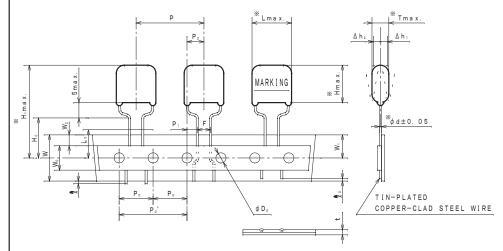
CT-H-A43E (2/2)

ITEM CODE	RATED	CAP.	DIMENSIONS				
I I EM CODE	VOLTAGE	(μF)	* L	* т	* н	* d	* н,
ECQE2824 () B3	250VDC	0.82	15. 3	6. 3	13. 3	0. 6	34.8
" 2105 () B3	"	1. 0	"	7. 0	14.0	"	35.5
" 2125 () B3	"	1. 2	"	7. 6	14.6	"	36.1
" 2155 () B3	"	1. 5	"	8. 6	15. 7	"	37. 2
TOL. SYMBOL (J or K)							

ITEM CODE NUMBER STRUCTURE



ISSUE	ALTERATION	D 4 T E
ISSUE	DESCRIPTION	DATE
/2	Company name changed	0 c t . 1
		2004
/3\	Company name changed	Apr. 1
		2005
4	Company name changed	Apr. 1
		2006
/5\	Correction: category	Apr. 1
1	temperature range (-40°C~+85°C→-40°C~+105°C)	2008
	Addition:rated voltage	
	(Derating of rated voltage by	
	1. 25%/°C at more than 85°C)	
	Company name changed	
6	Company name changed	Apr. 1
701		2012
Δ	Company name changed	Apr. 1
		2013
8	Company name changed	Apr. 1
		2015
<u></u>	Company name changed	Apr. 1
797		2022
SPECI	FICATIONS No.	



SYMBOL	ITEM	DIMENSION	REMARKS
Р	Pitch of component	25.4±1.0	Tilt of component and curvature of leads shall be included.
P _o	Feed hole pitch	12.7±0.2	
P.'	II .	25.4±0.2	
Ρ,	Feed hole center to lead	3.85±0.5	
P ₂	Hole center to comp. center		Tilt of component due to curvature of leads shall be included.
F	Lead-to-lead distance	5. 0 + 0 : 8	
∆ h 1, 2	Component alignment	0~2.0	Tilt of component due to curvature of leads shall be included.
W	Paper backing width	18.0±0.5	
W₀	Adhesive tape width	12.5min.	The hold down tape shall not protrude beyond the carrier tape.
W ₁	Hole position	9.0±0.5	
W ₂	Hold-down tape position	0~3.0	
H.	Lead-wire clinch height	16.0±0.5	
Q	Lead-wire protrusion	0 m a x .	
Q •	Lead-wire depression	7. 0 m a x .	
φ D .	Feed hole diameter	4.0±0.2	
t	Total tape thickness	0.7±0.2	Total thickness including the hold down tape.
Lo	Length of snipped lead	11. 0 m a x.	

CONSTRUCTION

The capacitor is of non-inductive construction, wound with metallized polyester film dielectric.

The capacitor is enclosed in non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, manufacture's trademark and date code.

PROPERTIES

Capacitance :See table at 1kHz. : ±5% (J) . ±10% (K) at 1kHz. Capacitance tolerance

:250VDC 🟂 (Derating of rated voltage by 1.25%/°C at more than 85°C) Rated voltage

Withstand voltage (terminal-terminal) : 250 VDC × 150% for 60s

Insulation resistance : ≥3000M $\Omega \cdot \mu F$ at 100VDC. 20 $^{\circ}$ C for 60s

Dissipation factor :≤1.0% at 1kHz. 20°C Operating temperature range : ∕₅ From −40°C to +105°C

(including temperature rise on unit surface)

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS

MARKING EXAMPLE

date code

(☑) 8 2 4 K

> 250

ESTABLISHMENT Jun. 15. 1999

TYPE NAME

ECQE2***() B3

NAME Metallized Polyester

Film Capacitor

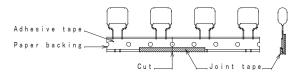
DRAWING NAME

PRODUCT DRAWING

DRAWING No.

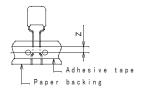
CT-H-A44E (1/2)

- Note 1. No more than 2 consecutive missing is permitted.
- Note 2. A tape conjection and a tape discrepancy specify as follows.



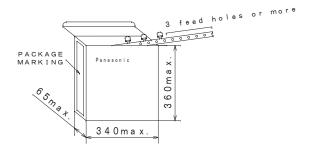
A tape sliding shall not exceed in an allowance of " P_0 " dimension. A joint tape put on the back side of paper backing, and turn up the lower part to the front.

- Note 3. Marking on components may not be the same side.
- Note 4. The tape adhesion is more than 3.92N(400gf)/25mm.
- Note 5. A tape trailer having at least 3 feed holes is required at the end of the tape.
- Note 6. Forming place shall be inside of the Z dimension.



Packing specification

1. Case size Ammo pack



♠ 2. Packing quantity

Capacitance	Packing
range	quantity
0.82μF	600
1. 0, 1. 2 μ F	500
1. 5 μ F	400

3. Handling notes

- 1) One package must be packed one product only.
- 2) The storage must be stacked 5 boxes or less (surface printed placing upward). (For prevension from displacement of capacitors and damage of lead climping.)
- 3) The packing box must be handled with care and never thrown out.

TYPE NAME

ECQE2***() B3

DRAWING No.

CT-H-A44E (2/2)