

THIRD ANGLE PROJECTION

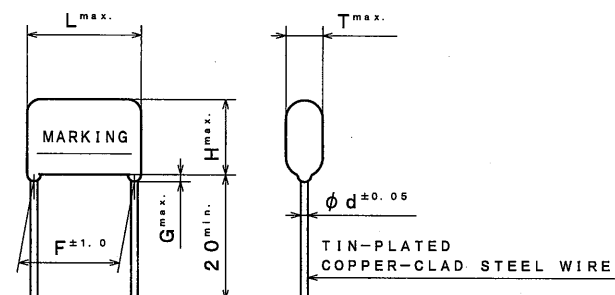
ITEM CODE	RATED VOLTAGE	CAP. μF (*)	DIMENSIONS							MARKING STYLE
			L	T	H	F	G	d		
ECQE2103 () B	250VDC	0. 01 (103)	7. 9	4. 2	7. 1	5. 0	1. 0	0. 5	1	
" 2123 () B	"	0. 012 (123)	"	"	"	"	"	"	"	
" 2153 () B	"	0. 015 (153)	"	"	"	"	"	"	"	
" 2183 () B	"	0. 018 (183)	"	4. 3	7. 2	"	"	"	"	
" 2223 () B	"	0. 022 (223)	"	"	"	"	"	"	"	
" 2273 () B	"	0. 027 (273)	"	"	"	"	"	"	"	
" 2333 () B	"	0. 033 (333)	"	"	"	"	"	"	"	
" 2393 () B	"	0. 039 (393)	"	4. 5	7. 4	"	"	"	"	
" 2473 () B	"	0. 047 (473)	"	"	"	"	"	"	"	
" 2563 () B	"	0. 056 (563)	"	4. 7	7. 7	"	"	"	"	
" 2683 () B	"	0. 068 (683)	"	5. 1	8. 0	"	"	"	"	
" 2823 () B	"	0. 082 (823)	"	5. 4	8. 6	"	"	"	"	
" 2104 () B	"	0. 1 (104)	"	5. 9	9. 0	"	"	"	"	
" 2124 () B	"	0. 12 (124)	"	5. 7	10. 6	"	"	"	"	
" 2154 () B	"	0. 15 (154)	"	6. 3	11. 2	"	"	"	"	
" 2184 () B	"	0. 18 (184)	10. 3	5. 0	9. 7	7. 5	"	"	"	
" 2224 () B	"	0. 22 (224)	"	5. 4	10. 1	"	"	"	"	
" 2274 () B	"	0. 27 (274)	"	5. 9	10. 8	"	"	"	"	
" 2334 () B	"	0. 33 (334)	"	6. 4	11. 3	"	"	"	"	
" 2394 () B	"	0. 39 (394)	12. 3	5. 7	10. 9	10. 0	"	0. 6	"	
" 2474 () B	"	0. 47 (474)	"	6. 2	11. 4	"	"	"	"	
" 2564 () B	"	0. 56 (564)	"	6. 7	11. 9	"	"	"	"	
" 2684 () B	"	0. 68 (684)	"	7. 3	12. 7	"	"	"	"	
" 2824 () B	"	0. 82 (824)	15. 3	6. 3	13. 3	12. 5	"	"	2	
" 2105 () B	"	1. 0 (105)	"	7. 0	14. 0	"	"	"	"	
" 2125 () B	"	1. 2 (125)	"	7. 6	14. 6	"	"	"	"	
" 2155 () B	"	1. 5 (155)	"	8. 6	15. 7	"	"	"	"	
" 2185 () B	"	1. 8 (185)	20. 8	7. 6	14. 6	17. 5	"	0. 8	"	
" 2225 () B	"	2. 2 (225)	"	8. 4	15. 6	"	"	"	"	
" 2275 () B	"	2. 7 (275)	"	9. 3	16. 7	"	"	"	"	
" 2335 () B	"	3. 3 (335)	"	10. 5	17. 9	"	"	"	"	
" 2395 () B	"	3. 9 (395)	"	10. 8	19. 8	"	"	"	"	
" 2475 () B	"	4. 7 (475)	"	11. 9	21. 0	"	"	"	"	

TOL. SYMBOL (J or K)

ITEM CODE NUMBER STRUCTURE

ECQE 2103KB (250VDC, 0.01 μ F, \pm 10%)

Radial leads
Capacitance tolerance (J= \pm 5%, K= \pm 10%)
Capacitance (*)
Rated voltage (2...250VDC)



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.

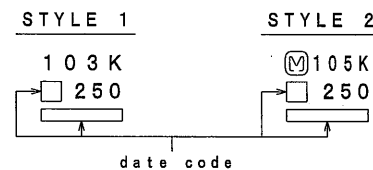
MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, manufacturer's trademark (STYLE 2 only) and date code.

PROPERTIES

Capacitance : See table at 1kHz.
Capacitance tolerance : \pm 5% (J), \pm 10% (K) at 1kHz.
Rated voltage : 250VDC Δ (Derating of rated voltage by 1.25%/°C at more than 85°C)
Withstand voltage (terminal-terminal) : 250VDC \times 150% for 60s
Insulation resistance : \geq 9000M Ω ($C \leq 0.33\mu$ F) at 100VDC, 20°C for 60s
: \geq 3000M $\Omega \cdot \mu$ F ($C > 0.33\mu$ F) at 100VDC, 20°C for 60s
Dissipation factor : \leq 1.0% at 1kHz, 20°C
Category temperature range : Δ From -40°C to +105°C
(including temperature rise on unit surface)

MARKING EXAMPLE



ALTERATION

ISSUE	DESCRIPTION	DATE
1	Company name changed	Oct. 1 2004
2	Company name changed	Apr. 1 2005
3	Company name changed	Apr. 1 2006
4	Correction: category temperature range (-40°C~+85°C~+105°C) Addition: rated voltage (Derating of rated voltage by 1.25%/°C at more than 85°C) Company name changed	Apr. 1 2008
5	Company name changed	Apr. 1 2012
6	Company name changed	Apr. 1 2013
7	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

Reference

DESIGN	<i>Shinichi Nakamura</i>
CHECKED	<i>K. Osaki</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Jun. 15. 1999
TYPE NAME	ECQE2*** () B
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-A38E (1/1)

Toyama-Matsue Plant
Device Solutions Business Division
Panasonic Corporation

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS