

THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μF (*)	DIMENSIONS					MARKING STYLE	FORMING TYPE
			L	T	H	S	d		
ECQE2103 () FB	250VDC	0. 01 (103)	10. 3	4. 3	7. 4	7. 5	0. 6	1	D
" 2123 () FB	"	0. 012 (123)	"	4. 4	7. 5	"	"	"	"
" 2153 () FB	"	0. 015 (153)	"	"	"	"	"	"	"
" 2183 () FB	"	0. 018 (183)	"	"	"	"	"	"	"
" 2223 () FB	"	0. 022 (223)	"	"	"	"	"	"	"
" 2273 () FB	"	0. 027 (273)	"	"	"	"	"	"	"
" 2333 () FB	"	0. 033 (333)	"	4. 5	"	"	"	"	"
" 2393 () FB	"	0. 039 (393)	"	"	"	"	"	"	"
" 2473 () FB	"	0. 047 (473)	"	"	"	"	"	"	"
" 2563 () FB	"	0. 056 (563)	"	4. 8	7. 9	"	"	"	"
" 2683 () FB	"	0. 068 (683)	"	4. 5	7. 5	"	"	"	"
" 2823 () FB	"	0. 082 (823)	"	4. 9	8. 0	"	"	"	"
" 2104 () FB	"	0. 1 (104)	"	5. 8	8. 4	"	"	"	"
" 2124 () FB	"	0. 12 (124)	"	6. 0	9. 0	"	"	"	"
" 2154 () FB	"	0. 15 (154)	"	"	10. 8	"	"	"	"
" 2184 () FB	"	0. 18 (184)	12. 0	5. 0	10. 3	10. 0	"	"	"
" 2224 () FB	"	0. 22 (224)	"	5. 5	10. 5	"	"	"	"
" 2274 () FB	"	0. 27 (274)	"	6. 0	11. 5	"	"	"	"
" 2334 () FB	"	0. 33 (334)	"	6. 5	12. 0	"	"	"	"
" 2394 () FB	"	0. 39 (394)	18. 5	4. 9	"	"	"	2	B
" 2474 () FB	"	0. 47 (474)	"	5. 3	12. 5	"	"	"	"
" 2564 () FB	"	0. 56 (564)	"	5. 5	13. 0	"	"	"	"
" 2684 () FB	"	0. 68 (684)	"	6. 0	13. 5	"	0. 8	"	"
" 2824 () FB	"	0. 82 (824)	"	6. 5	14. 5	"	"	"	"
" 2105 () FB	"	1. 0 (105)	"	7. 4	15. 0	"	"	"	"
" 2125 () FB	"	1. 2 (125)	"	8. 0	15. 9	"	"	"	"
" 2155 () FB	"	1. 5 (155)	"	9. 0	16. 8	"	"	"	"
" 2185 () FB	"	1. 8 (185)	26. 0	7. 5	15. 5	15. 0	"	"	"
" 2225 () FB	"	2. 2 (225)	"	8. 5	16. 3	"	"	"	"
" 2275 () FB	"	2. 7 (275)	"	9. 4	17. 0	"	"	"	"
" 2335 () FB	"	3. 3 (335)	"	10. 3	18. 0	"	"	"	"
" 2395 () FB	"	3. 9 (395)	"	11. 0	20. 5	"	"	"	"
" 2475 () FB	"	4. 7 (475)	"	12. 0	21. 5	"	"	"	"
" 2565 () FB	"	5. 6 (565)	31. 0	11. 8	21. 0	22. 5	"	"	"
" 2685 () FB	"	6. 8 (685)	"	13. 0	22. 4	"	"	"	"
" 2825 () FB	"	8. 2 (825)	"	14. 3	23. 5	"	"	"	"
" 2106 () FB	"	10. 0 (106)	"	15. 9	25. 8	"	"	"	"

TOL. SYMBOL (J or K)

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

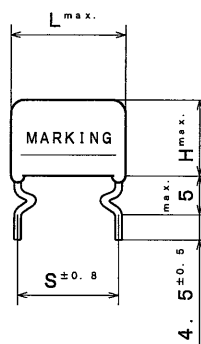
Capacitance	: See table	at 1kHz
Capacitance tolerance	: ±5% (J), ±10% (K)	at 1kHz
Rated voltage	: 250VDC	(Derating of rated voltage by 1.25%/°C at more than 85°C)
Withstand voltage	: 250VDC×150%	for 60s
Insulation resistance	: ≥9000MΩ	(C≤0.33μF) at 100VDC, 20°C for 60s
	: ≥3000MΩ·μF	(C>0.33μF) at 100VDC, 20°C for 60s
Dissipation factor	: ≤1.0%	at 1kHz, 20°C
Category temperature range	: △	From -40°C to +105°C
(including temperature rise on unit surface)		

DO NOT SCALE DRAWING

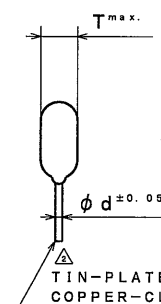
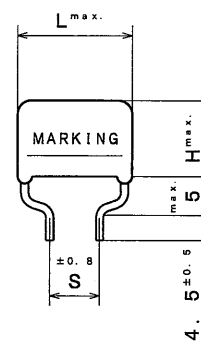
REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS

TYPE D



TYPE B

TIN-PLATED
COPPER-CLAD STEEL WIRE

ITEM CODE NUMBER STRUCTURE

ECQE 2 103 K F B (250VDC, 0.01μF, ±10%)

- Leads forming
- Radial leads
- Capacitance tolerance (J=±5%, K=±10%)
- Capacitance (*)
- Rated voltage (2:250VDC)

MARKING EXAMPLE

STYLE 1

103K
250

STYLE 2

M 105K
250

date code

ALTERATION

ISSUE	DESCRIPTION	DATE
△	Modification	Jun. 20 2002
△	Company name changed	Oct. 1 2004
△	Company name changed	Apr. 1 2005
△	Company name changed	Apr. 1 2006
△	Correction: category temperature range (-40°C~+85°C→-40°C~+105°C) Addition: rated voltage (Derating of rated voltage by 1.25%/°C at more than 85°C)	Jan. 22 2008
△	Company name changed Error correction	Apr. 1 2008
△	Company name changed	Apr. 1 2012
△	Company name changed	Apr. 1 2013
△	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

TE72027Y

Reference

DESIGN	Ph. Anikawa
CHECKED	K. Osabe
APPROVAL	M. Takata
ESTABLISHMENT	Apr. 27, 1987
TYPE NAME	ECQE2*** () FB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-C012 (1/1)

Toyama-Matsue Plant
Device Solutions Business Division
Panasonic Corporation