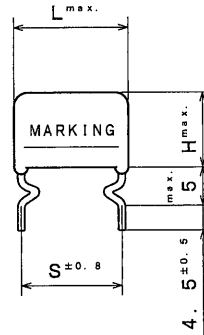


THIRD ANGLE PROJECTION

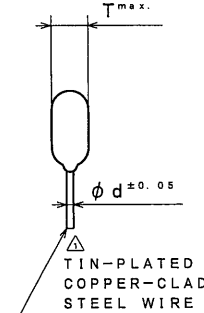
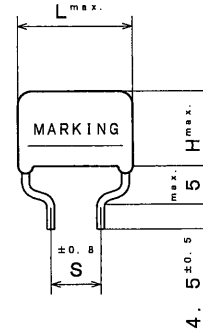
ITEM CODE	RATED VOLTAGE	CAP. μ F (*)	DIMENSIONS						MARKING STYLE	FORMING TYPE
			L	T	H	S	d			
ECQE2103 () TB	250VDC	0.01 (103)	10.8	4.3	7.4	7.5	0.6	1	D	
" 2123 () TB	"	0.012 (123)	"	4.4	7.5	"	"	"	"	
" 2153 () TB	"	0.015 (153)	"	"	"	"	"	"	"	
" 2183 () TB	"	0.018 (183)	"	"	"	"	"	"	"	
" 2223 () TB	"	0.022 (223)	"	"	"	"	"	"	"	
" 2273 () TB	"	0.027 (273)	"	"	"	"	"	"	"	
" 2333 () TB	"	0.033 (333)	"	4.5	"	"	"	"	"	
" 2393 () TB	"	0.039 (393)	"	"	"	"	"	"	"	
" 2473 () TB	"	0.047 (473)	"	"	"	"	"	"	"	
" 2563 () TB	"	0.056 (563)	"	4.8	7.9	"	"	"	"	
" 2683 () TB	"	0.068 (683)	"	4.5	7.5	"	"	"	"	
" 2823 () TB	"	0.082 (823)	"	4.9	8.0	"	"	"	"	
" 2104 () TB	"	0.1 (104)	"	5.8	8.4	"	"	"	"	
" 2124 () TB	"	0.12 (124)	"	6.0	9.0	"	"	"	"	
" 2154 () TB	"	0.15 (154)	"	"	10.8	"	"	"	"	
" 2184 () TB	"	0.18 (184)	12.5	5.0	10.3	10.0	"	"	"	
" 2224 () TB	"	0.22 (224)	"	5.5	10.5	"	"	"	"	
" 2274 () TB	"	0.27 (274)	"	6.0	11.5	"	"	"	"	
" 2334 () TB	"	0.33 (334)	"	6.5	12.0	"	"	"	"	
" 2394 () TB	"	0.39 (394)	19.0	4.9	"	"	"	2	B	
" 2474 () TB	"	0.47 (474)	"	5.3	12.5	"	"	"	"	
" 2564 () TB	"	0.56 (564)	"	5.5	13.0	"	"	"	"	
" 2684 () TB	"	0.68 (684)	"	6.0	13.5	"	0.8	"	"	
" 2824 () TB	"	0.82 (824)	"	6.5	14.5	"	"	"	"	
" 2105 () TB	"	1.0 (105)	"	7.4	15.0	"	"	"	"	
" 2125 () TB	"	1.2 (125)	"	8.0	15.9	"	"	"	"	
" 2155 () TB	"	1.5 (155)	"	9.0	16.8	"	"	"	"	
" 2185 () TB	"	1.8 (185)	26.5	7.5	15.5	15.0	"	"	"	
" 2225 () TB	"	2.2 (225)	"	8.5	16.3	"	"	"	"	
" 2275 () TB	"	2.7 (275)	"	9.4	17.0	"	"	"	"	
" 2335 () TB	"	3.3 (335)	"	10.3	18.0	"	"	"	"	
" 2395 () TB	"	3.9 (395)	"	11.0	20.5	"	"	"	"	
" 2475 () TB	"	4.7 (475)	"	12.0	21.5	"	"	"	"	
" 2565 () TB	"	5.6 (565)	31.5	11.8	21.0	22.5	"	"	"	
" 2685 () TB	"	6.8 (685)	"	13.0	22.4	"	"	"	"	
" 2825 () TB	"	8.2 (825)	"	14.3	23.5	"	"	"	"	
" 2106 () TB	"	10.0 (106)	"	15.9	25.8	"	"	"	"	

TOL. SYMBOL (J or K)

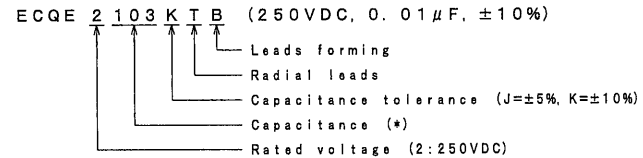
TYPE D



TYPE B



ITEM CODE NUMBER STRUCTURE



ALTERATION		
ISSUE	DESCRIPTION	DATE
△1	Modification	Jun. 20 2002
△2	Company name changed	Oct. 1 2004
△3	Company name changed	Apr. 1 2006
△4	Company name changed	Apr. 1 2006
△5	Correction: category temperature range (-25°C~+85°C~-25°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
△6	Company name changed	Apr. 1 2012
△7	Company name changed	Apr. 1 2013
△8	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

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.

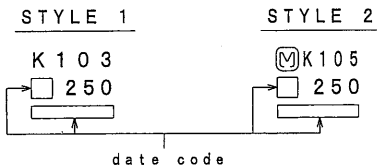
MARKING

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 △ (Derating of rated voltage by 1.25%/°C at more than 85°C)
 Withstand voltage : 250VDC \times 150% for 60s
 Insulation resistance : \geq 9000M Ω (C \leq 0.33 μ F) at 100VDC, 20°C for 60s
 : \geq 3000M Ω · μ F (C>0.33 μ F) at 100VDC, 20°C for 60s
 Dissipation factor : \leq 1.0% at 1kHz, 20°C
 Category temperature range : △ From -40°C to +105°C (including temperature rise on unit surface)

MARKING EXAMPLE



Reference

DESIGN	<i>A. Mochida</i>
CHECKED	<i>R. Osaki</i>
APPROVAL	<i>Y. Takato</i>
ESTABLISHMENT	Mar. 7. 2002
TYPE NAME	ECQE2*** () TB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	2035M-J-E (1/1)

Toyama Matsue Plant
Device Solutions Business Division
Panasonic Corporation