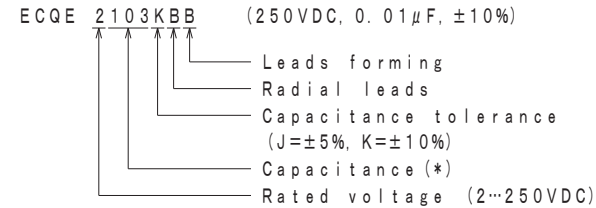


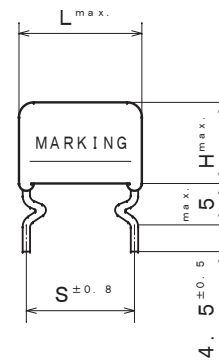
ITEM CODE	RATED VOLTAGE	CAP. $\mu$ F ( * )	DIMENSIONS						MARKING STYLE	FORMING TYPE
			L	T	H	$\Delta$ S	d			
ECQE2103 () BB	250VDC	0.01 (103)	7.9	4.2	7.1	5.0	0.5	1	D	
" 2123 () BB	"	0.012 (123)	"	"	"	"	"	"	"	
" 2153 () BB	"	0.015 (153)	"	"	"	"	"	"	"	
" 2183 () BB	"	0.018 (183)	"	4.3	7.2	"	"	"	"	
" 2223 () BB	"	0.022 (223)	"	"	"	"	"	"	"	
" 2273 () BB	"	0.027 (273)	"	"	"	"	"	"	"	
" 2333 () BB	"	0.033 (333)	"	"	"	"	"	"	"	
" 2393 () BB	"	0.039 (393)	"	4.5	7.4	"	"	"	"	
" 2473 () BB	"	0.047 (473)	"	"	"	"	"	"	"	
" 2563 () BB	"	0.056 (563)	"	4.7	7.7	"	"	"	"	
" 2683 () BB	"	0.068 (683)	"	5.1	8.0	"	"	"	"	
" 2823 () BB	"	0.082 (823)	"	5.4	8.6	"	"	"	"	
" 2104 () BB	"	0.1 (104)	"	5.9	9.0	"	"	"	"	
" 2124 () BB	"	0.12 (124)	"	5.7	10.6	"	"	"	"	
" 2154 () BB	"	0.15 (154)	"	6.3	11.2	"	"	"	"	
" 2184 () BB	"	0.18 (184)	10.3	5.0	9.7	"	"	"	"	
" 2224 () BB	"	0.22 (224)	"	5.4	10.1	"	"	"	"	
" 2274 () BB	"	0.27 (274)	"	5.9	10.8	"	"	"	"	
" 2334 () BB	"	0.33 (334)	"	6.4	11.3	"	"	"	"	
" 2394 () BB	"	0.39 (394)	12.3	5.7	10.9	"	0.6	"	"	
" 2474 () BB	"	0.47 (474)	"	6.2	11.4	"	"	"	"	
" 2564 () BB	"	0.56 (564)	"	6.7	11.9	"	"	"	"	
" 2684 () BB	"	0.68 (684)	"	7.3	12.7	"	"	"	"	
" 2824 () BB	"	0.82 (824)	15.3	6.3	13.3	"	"	2	B	
" 2105 () BB	"	1.0 (105)	"	7.0	14.0	"	"	"	"	
" 2125 () BB	"	1.2 (125)	"	7.6	14.6	"	"	"	"	
" 2155 () BB	"	1.5 (155)	"	8.6	15.7	"	"	"	"	
" 2185 () BB	"	1.8 (185)	20.8	7.6	14.6	10.0	0.8	"	"	
" 2225 () BB	"	2.2 (225)	"	8.4	15.6	"	"	"	"	
" 2275 () BB	"	2.7 (275)	"	9.3	16.7	"	"	"	"	
" 2335 () BB	"	3.3 (335)	"	10.5	17.9	"	"	"	"	
" 2395 () BB	"	3.9 (395)	"	10.8	19.8	"	"	"	"	
" 2475 () BB	"	4.7 (475)	"	11.9	21.0	"	"	"	"	

TOL. SYMBOL (J or K)

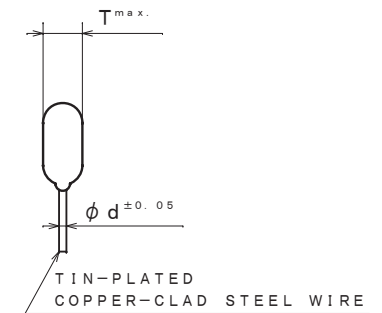
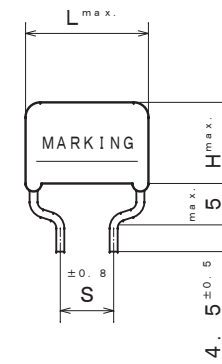
ITEM CODE NUMBER STRUCTURE



TYPE D



TYPE B



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.

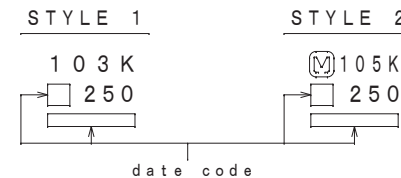
MARKING

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

MARKING EXAMPLE



ALTERATION		
ISSUE	DESCRIPTION	DATE
$\Delta$ 1	Company name changed	Oct. 1 2004
$\Delta$ 2	Company name changed	Apr. 1 2005
$\Delta$ 3	Company name changed	Apr. 1 2006
$\Delta$ 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
$\Delta$ 5	Company name changed	Apr. 1 2012
$\Delta$ 6	Company name changed	Apr. 1 2013
$\Delta$ 7	Company name changed	Apr. 1 2015
$\Delta$ 8	Company name changed	Apr. 1 2022

SPECIFICATIONS No.

DESIGN	M. MEKADA
CHECKED	OS. ITO
APPROVAL	T. KATO
ESTABLISHMENT	Jun. 15. 1999
TYPE NAME	
ECQE2*** () BB	
NAME Metallized Polyester Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
CT-H-A40E (1/1)	

Film Capacitor Business Unit  
Device Solutions Business Division  
Panasonic Industry Co., Ltd.