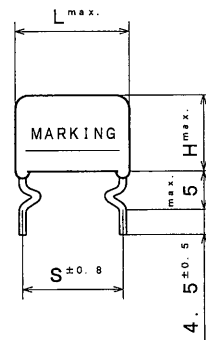


THIRD ANGLE PROJECTION

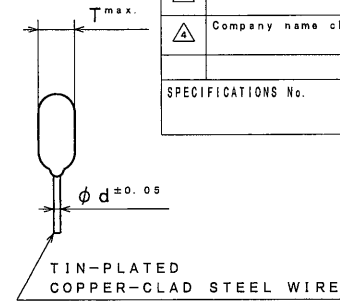
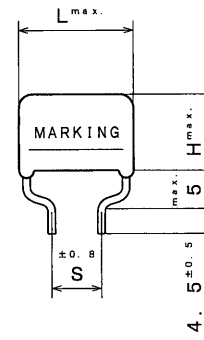
ITEM CODE	RATED VOLTAGE	CAP. $\mu$ F (*)	DIMENSIONS						MARKING STYLE	FORMING TYPE
			L	T	H	S	d			
ECQE2A103 () TB	250VAC	0.01 (103)	13.0	5.5	10.8	10.0	0.6	1	D	
" 2A123 () TB	"	0.012 (123)	"	6.0	11.5	"	"	"	"	
" 2A153 () TB	"	0.015 (153)	"	6.3	9.9	"	"	"	"	
" 2A183 () TB	"	0.018 (183)	"	6.0	11.9	"	"	"	"	
" 2A223 () TB	"	0.022 (223)	"	"	11.5	"	"	"	"	
" 2A273 () TB	"	0.027 (273)	"	5.5	10.9	"	"	"	"	
" 2A333 () TB	"	0.033 (333)	"	6.0	11.9	"	"	"	"	
" 2A393 () TB	"	0.039 (393)	"	"	13.4	"	"	"	"	
" 2A473 () TB	"	0.047 (473)	"	6.5	14.4	"	"	"	"	
" 2A563 () TB	"	0.056 (563)	19.0	5.4	10.5	"	"	2	B	
" 2A683 () TB	"	0.068 (683)	"	5.8	11.0	"	"	"	"	
" 2A823 () TB	"	0.082 (823)	"	6.3	12.0	"	"	"	"	
" 2A104 () TB	"	0.1 (104)	"	"	14.0	"	"	"	"	
" 2A124 () TB	"	0.12 (124)	"	6.8	14.5	"	0.8	"	"	
" 2A154 () TB	"	0.15 (154)	"	7.5	15.4	"	"	"	"	
" 2A184 () TB	"	0.18 (184)	"	8.0	16.0	"	"	"	"	
" 2A224 () TB	"	0.22 (224)	"	9.0	16.9	"	"	"	"	
" 2A274 () TB	"	0.27 (274)	26.5	7.0	16.5	15.0	"	"	"	
" 2A334 () TB	"	0.33 (334)	"	7.8	17.0	"	"	"	"	
" 2A394 () TB	"	0.39 (394)	"	8.5	17.9	"	"	"	"	
" 2A474 () TB	"	0.47 (474)	"	9.3	18.5	"	"	"	"	

TOL. SYMBOL (J or K or M)

TYPE D

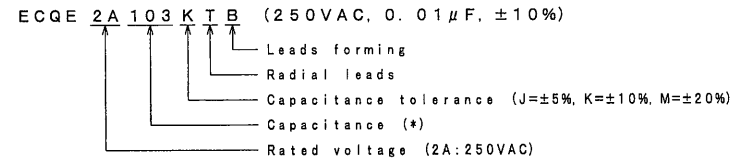


TYPE B



ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Change: category temperature range (-40°C~+85°C~-40°C~+105°C)	Dec. 21 2010
△	Company name changed	Apr. 1 2012
△	Company name changed	Apr. 1 2013
△	Company name changed	Apr. 1 2015
SPECIFICATIONS No.		

ITEM CODE NUMBER STRUCTURE



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.

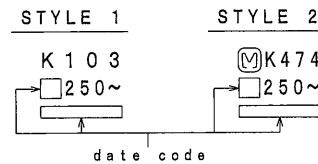
MARKING

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),  $\pm$ 20% (M) at 1kHz  
 Rated voltage : 250VAC  
 Withstand voltage (terminal-terminal) : 250VAC $\times$ 230% for 60s  
 (terminal-enclosure) : 1500VAC for 60s  
 Insulation resistance :  $\geq$ 2000M $\Omega$  at 500VDC, 20°C for 60s  
 Dissipation factor :  $\leq$ 1.0% at 1kHz, 20°C  
 Category temperature range :  $\triangle$  From -40°C to +105°C (including temperature rise on unit surface)

MARKING EXAMPLE



Reference

DESIGN	<i>A. Onoda</i>
CHECKED	<i>K. Osaki</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Sep. 24, 2008
TYPE NAME	ECQE2A*** () TB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	8069M-J-E (1/1)

Toyama-Matsue Plant  
Device Solutions Business Division  
Panasonic Corporation