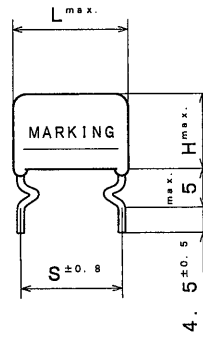


THIRD ANGLE PROJECTION

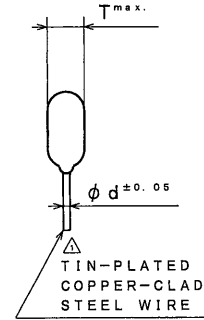
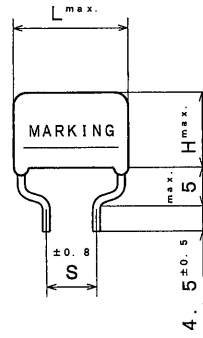
ITEM CODE	RATED VOLTAGE	CAP. $\mu F$ ( * )	DIMENSIONS					MARKING STYLE	FORMING TYPE
			L	T	H	S	d		
ECQE6103 () TB	630VDC	0.01 (103)	12.0	4.5	7.5	10.0	0.6	1	D
" 6123 () TB	"	0.012 (123)	"	"	7.8	"	"	"	"
" 6153 () TB	"	0.015 (153)	"	5.0	8.2	"	"	"	"
" 6183 () TB	"	0.018 (183)	"	4.9	10.0	"	"	"	"
" 6223 () TB	"	0.022 (223)	"	5.3	10.5	"	"	"	"
" 6273 () TB	"	0.027 (273)	"	5.5	10.9	"	"	"	"
" 6333 () TB	"	0.033 (333)	"	6.0	11.9	"	"	"	"
" 6393 () TB	"	0.039 (393)	"	"	13.4	"	"	"	"
" 6473 () TB	"	0.047 (473)	"	6.5	13.5	"	"	"	"
" 6563 () TB	"	0.056 (563)	18.5	5.4	10.5	"	"	2	B
" 6683 () TB	"	0.068 (683)	"	5.8	11.0	"	"	"	"
" 6823 () TB	"	0.082 (823)	"	6.5	12.0	"	"	"	"
" 6104 () TB	"	0.1 (104)	"	6.3	14.0	"	"	"	"
" 6124 () TB	"	0.12 (124)	"	"	14.5	"	0.8	"	"
" 6154 () TB	"	0.15 (154)	"	7.5	15.4	"	"	"	"
" 6184 () TB	"	0.18 (184)	"	8.0	16.0	"	"	"	"
" 6224 () TB	"	0.22 (224)	"	9.0	16.5	"	"	"	"
" 6274 () TB	"	0.27 (274)	26.0	7.0	"	15.0	"	"	"
" 6334 () TB	"	0.33 (334)	"	7.8	17.0	"	"	"	"
" 6394 () TB	"	0.39 (394)	"	8.5	17.9	"	"	"	"
" 6474 () TB	"	0.47 (474)	"	9.3	18.5	"	"	"	"
" 6564 () TB	"	0.56 (564)	"	10.0	20.0	"	"	"	"
" 6684 () TB	"	0.68 (684)	"	11.5	21.0	"	"	"	"
" 6824 () TB	"	0.82 (824)	31.0	11.3	20.5	22.5	"	"	"
" 6105 () TB	"	1.0 (105)	"	12.5	21.9	"	"	"	"
" 6125 () TB	"	1.2 (125)	"	13.5	23.0	"	"	"	"
" 6155 () TB	"	1.5 (155)	"	15.3	24.7	"	"	"	"
" 6185 () TB	"	1.8 (185)	"	16.8	27.0	"	"	"	"
" 6225 () TB	"	2.2 (225)	"	19.5	29.0	"	"	"	"

TOL. SYMBOL (J or K)

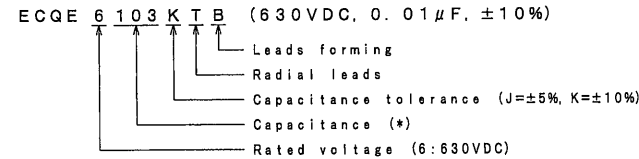
TYPE D



TYPE B



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.

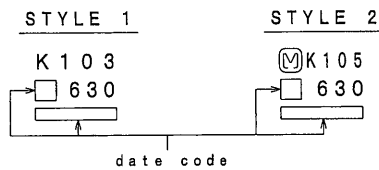
MARKING

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) at 1kHz  
 Rated voltage : 630VDC  $\Delta$  (Derating of rated voltage by 1.25%/°C at more than 85°C)  
 Withstand voltage : 630VDC $\times 150\%$  for 60s  
 Insulation resistance :  $\geq 9000M\Omega$  ( $C \leq 0.33\mu F$ ) 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 :  $\Delta$  From -40°C to +105°C  
 (including temperature rise on unit surface)

MARKING EXAMPLE



ALTERATION

ISSUE	DESCRIPTION	DATE
$\Delta$	Modification	Jun. 20 2002
$\Delta$	Company name changed	Oct. 1 2004
$\Delta$	Company name changed	Apr. 1 2005
$\Delta$	Company name changed	Apr. 1 2006
$\Delta$	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) Company name changed	Apr. 1 2008
$\Delta$	Company name changed	Apr. 1 2012
$\Delta$	Company name changed	Apr. 1 2013
$\Delta$	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

Reference

DESIGN	<i>M. Anshu</i>
CHECKED	<i>K. Osaki</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Mar. 7. 2002
TYPE NAME	
ECQE6*** () TB	
NAME Metallized Polyester Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
2037M-J-E (1/1)	

Toyama-Matsue Plant  
Device Solutions Business Division  
Panasonic Corporation