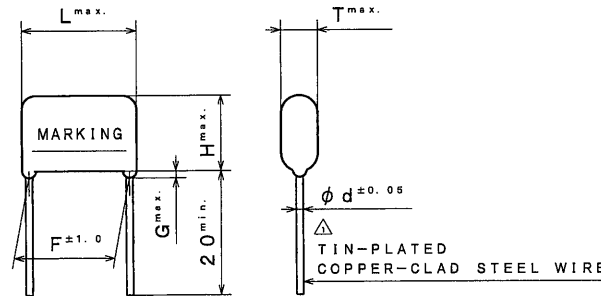


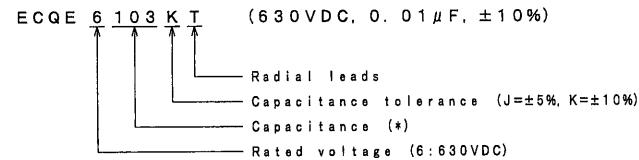
THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μ F (*)	DIMENSIONS						MARKING STYLE
			L	T	H	F	G	d	
ECQE6103 () T	630VDC	0.01 (103)	12.5	4.5	7.5	10.0	1.0	0.6	1
" 6123 () T	"	0.012 (123)	"	"	7.8	"	"	"	"
" 6153 () T	"	0.015 (153)	"	5.0	8.2	"	"	"	"
" 6183 () T	"	0.018 (183)	"	4.9	10.0	"	"	"	"
" 6223 () T	"	0.022 (223)	"	5.3	10.5	"	"	"	"
" 6273 () T	"	0.027 (273)	"	5.5	10.9	"	"	"	"
" 6333 () T	"	0.033 (333)	"	6.0	11.9	"	"	"	"
" 6393 () T	"	0.039 (393)	"	"	13.4	"	"	"	"
" 6473 () T	"	0.047 (473)	"	6.5	13.5	"	"	"	"
" 6563 () T	"	0.056 (563)	19.0	5.4	10.5	15.0	"	"	2
" 6683 () T	"	0.068 (683)	"	5.8	11.0	"	"	"	"
" 6823 () T	"	0.082 (823)	"	6.5	12.0	"	"	"	"
" 6104 () T	"	0.1 (104)	"	6.3	14.0	"	"	"	"
" 6124 () T	"	0.12 (124)	"	"	14.5	"	"	0.8	"
" 6154 () T	"	0.15 (154)	"	7.5	15.4	"	"	"	"
" 6184 () T	"	0.18 (184)	"	8.0	16.0	"	"	"	"
" 6224 () T	"	0.22 (224)	"	9.0	16.5	"	"	"	"
" 6274 () T	"	0.27 (274)	26.5	7.0	"	22.5	"	"	"
" 6334 () T	"	0.33 (334)	"	7.8	17.0	"	"	"	"
" 6394 () T	"	0.39 (394)	"	8.5	17.9	"	"	"	"
" 6474 () T	"	0.47 (474)	"	9.3	18.5	"	"	"	"
" 6564 () T	"	0.56 (564)	"	10.0	20.0	"	1.5	"	"
" 6684 () T	"	0.68 (684)	"	11.5	21.0	"	"	"	"
" 6824 () T	"	0.82 (824)	31.5	11.3	20.5	27.5	"	"	"
" 6105 () T	"	1.0 (105)	"	12.5	21.9	"	"	"	"
" 6125 () T	"	1.2 (125)	"	13.5	23.0	"	"	"	"
" 6155 () T	"	1.5 (155)	"	15.3	24.7	"	"	"	"
" 6185 () T	"	1.8 (185)	"	16.8	27.0	"	"	"	"
" 6225 () T	"	2.2 (225)	"	19.5	29.0	"	"	"	"

TOL. SYMBOL (J or K)



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.

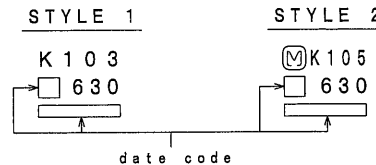
MARKING

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 Δ	(Derating of rated voltage by 1.25%/ $^{\circ}$ C at more than 85 $^{\circ}$ C)
Withstand voltage	: 630VDC \times 150%	for 60s
Insulation resistance	: \geq 9000M Ω	($C \leq$ 0.33 μ F) at 100VDC, 20 $^{\circ}$ C for 60s
	: \geq 3000M $\Omega \cdot \mu$ F	($C >$ 0.33 μ F) at 100VDC, 20 $^{\circ}$ C for 60s
Dissipation factor	: \leq 1.0%	at 1kHz, 20 $^{\circ}$ C
Category temperature range	: Δ From -40 $^{\circ}$ C to +105 $^{\circ}$ C	(including temperature rise on unit surface)

MARKING EXAMPLE



ALTERATION

ISSUE	DESCRIPTION	DATE
Δ	Modification	Jun. 20 2002
Δ	Company name changed	Oct. 1 2004
Δ	Company name changed	Apr. 1 2005
Δ	Company name changed	Apr. 1 2008
Δ	Correction: category temperature range (-40 $^{\circ}$ C~+85 $^{\circ}$ C~-40 $^{\circ}$ C~+105 $^{\circ}$ C) Addition: rated voltage (Derating of rated voltage by 1.25%/ $^{\circ}$ C at more than 85 $^{\circ}$ C) Company name changed	Apr. 1 2008
Δ	Company name changed	Apr. 1 2012
Δ	Company name changed	Apr. 1 2013
Δ	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

Reference

DESIGN	M. M. M. M.
CHECKED	K. Deski
APPROVAL	Y. Takata
ESTABLISHMENT	Mar. 7. 2002
TYPE NAME	ECQE6*** () T
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	2034M-J-E (1/1)

Toyama Matsue Plant
Device Solutions Business Division
Panasonic Corporation

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS