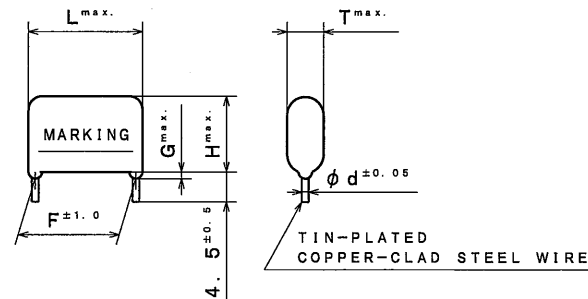
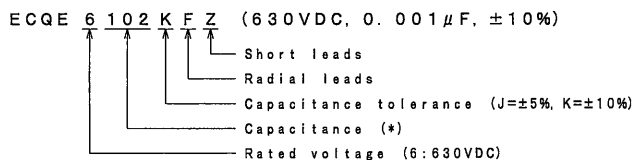


THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. $\mu$ F ( * )	DIMENSIONS					
			L	T	H	F	G	d
ECQE6102 ( ) FZ	630VDC	0.001 (102)	10.0	4.5	9.5	7.5	1.0	0.6
" 6122 ( ) FZ	"	0.0012 (122)	"	"	10.0	"	"	"
" 6152 ( ) FZ	"	0.0015 (152)	"	"	"	"	"	"
" 6182 ( ) FZ	"	0.0018 (182)	"	"	"	"	"	"
" 6222 ( ) FZ	"	0.0022 (222)	"	"	"	"	"	"
" 6272 ( ) FZ	"	0.0027 (272)	"	"	"	"	"	"
" 6332 ( ) FZ	"	0.0033 (332)	"	"	"	"	"	"
" 6392 ( ) FZ	"	0.0039 (392)	"	"	"	"	"	"
" 6472 ( ) FZ	"	0.0047 (472)	12.0	"	"	10.0	"	"
" 6562 ( ) FZ	"	0.0056 (562)	"	"	"	"	"	"
" 6682 ( ) FZ	"	0.0068 (682)	"	4.9	"	"	"	"
" 6822 ( ) FZ	"	0.0082 (822)	"	4.5	"	"	"	"

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.

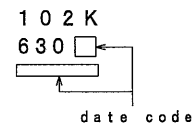
MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, and date code.

PROPERTIES

- Capacitance : See table at 1kHz
- Capacitance tolerance :  $\pm$ 5% (J),  $\pm$ 10% (K) at 1kHz
- Rated voltage : 630VDC (Derating of rated voltage by 1.25%/ $^{\circ}$ C at more than 85 $^{\circ}$ C)
- Withstand voltage : 630VDCX150% for 60s
- Insulation resistance :  $\geq$ 9000M $\Omega$  at 100VDC, 20 $^{\circ}$ C for 60s
- Dissipation factor :  $\leq$ 1.0% at 1kHz, 20 $^{\circ}$ C
- Category temperature range : From -40 $^{\circ}$ C to +105 $^{\circ}$ C (including temperature rise on unit surface)

MARKING EXAMPLE



ALTERATION		
ISSUE	DESCRIPTION	DATE
①	Company name changed	Apr. 1 2012
②	Company name changed	Apr. 1 2013
③	Company name changed	Apr. 1 2015
SPECIFICATIONS No.		

Reference

DESIGN	<i>T. Ushikawa</i>
CHECKED	<i>K. Osabayashi</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Nov. 18. 2008
TYPE NAME	
ECQE6*** ( ) FZ	
NAME Metallized Polyester Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
8088M-J-E (1/1)	

Toyama-Matsue Plant  
Device Solutions Business Division  
Panasonic Corporation

