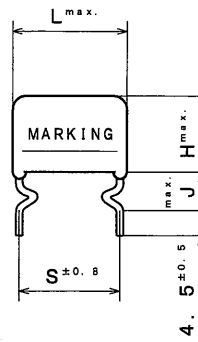


THIRD ANGLE PROJECTION

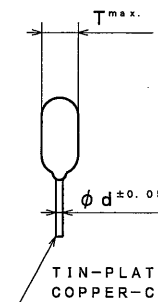
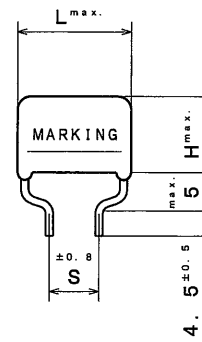
ITEM CODE	CAP. μF (*)	DIMENSIONS						FORMING T Y P E
		L	T	H	S	d		
ECQE10103 () FB	0.01 (103)	15.5	6.0	11.0	12.5	0.6		D
" 10123 () FB	0.012 (123)	"	"	12.0	"	"	"	"
" 10153 () FB	0.015 (153)	"	7.0	12.5	"	"	"	"
" 10183 () FB	0.018 (183)	"	7.5	13.0	"	0.8	"	"
" 10223 () FB	0.022 (223)	"	"	15.5	"	"	"	"
" 10273 () FB	0.027 (273)	21.0	6.0	13.0	"	"	"	B
" 10333 () FB	0.033 (333)	"	6.5	14.0	"	"	"	"
" 10393 () FB	0.039 (393)	"	7.0	14.5	"	"	"	"
" 10473 () FB	0.047 (473)	"	7.5	15.5	"	"	"	"
" 10563 () FB	0.056 (563)	"	"	17.0	"	"	"	"
" 10683 () FB	0.068 (683)	"	8.5	18.0	"	"	"	"
" 10823 () FB	0.082 (823)	"	9.0	18.5	"	"	"	"
" 10104 () FB	0.1 (104)	"	10.0	20.0	"	"	"	"
" 10124 () FB	0.12 (124)	26.0	9.0	18.5	17.5	"	"	"
" 10154 () FB	0.15 (154)	"	10.0	20.0	"	"	"	"
" 10184 () FB	0.18 (184)	"	10.5	22.0	"	"	"	"
" 10224 () FB	0.22 (224)	"	12.0	23.0	"	"	"	"

TOL. SYMBOL (J or K)

TYPE D



TYPE B



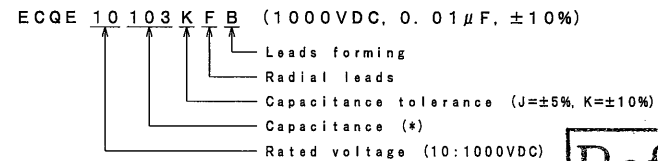
TIN-PLATED
COPPER-CLAD STEEL WIRE

φd	J
0.6	5.0
0.8	7.0

ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Company name changed	Apr. 1 2012
△	Company name changed	Apr. 1 2013
△	Company name changed	Apr. 1 2015

SPECIFICATIONS No.
TEB7168H

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

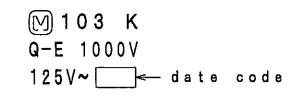
Marking comprises capacitance, capacitance tolerance, rated voltage, type name, manufacturer's trademark and date code.

PROPERTIES

Capacitance	: See table	at 1kHz
Capacitance tolerance	: ±5% (J), ±10% (K)	at 1kHz
Rated voltage	: 125VAC * / 1000VDC (Derating of rated voltage by 1.25%/°C at more than 85°C)	
Withstand voltage (terminal-terminal)	: 1000VDC x 175% for 2s~5s (1000VAC for 60s)	
(terminal-enclosure)	: 1500VAC for 60s	
Insulation resistance	: ≥10000MΩ at 100VDC, 20°C for 60s	
	: ≥2000MΩ at 500VDC, 20°C for 60s	
Dissipation factor	: ≤1.0% at 1kHz, 20°C	
Category temperature range	: From -40°C to +105°C	(including temperature rise on unit surface)

*When capacitor use in primary side of power source as across the line capacitor, this capacitor can used in Japan only.

MARKING EXAMPLE



Reference

DESIGN	<i>M. Inoue</i>
CHECKED	<i>K. Osaki</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Apr. 27, 2011
TYPE NAME	ECQE10*** () FB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	A002M-J-E (1/1)

Toyama·Matsue Plant
Device Solutions Business Division
Panasonic Corporation