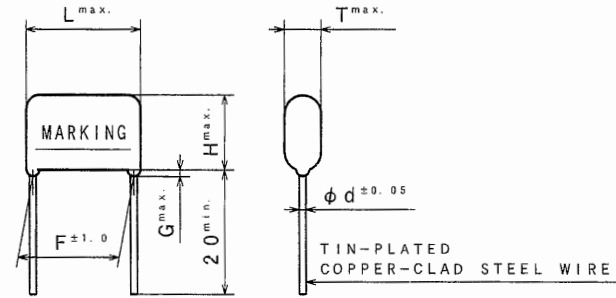


THIRD ANGLE PROJECTION

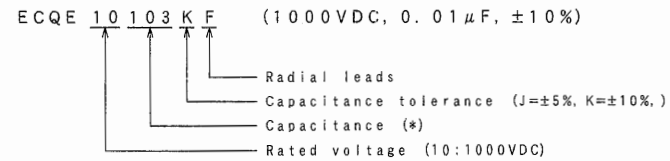
ITEM CODE	CAP. μF (*)	DIMENSIONS						
		L	T	H	F	G	d	
ECQE10103 () F	0.01 (103)	15.5	6.0	11.0	12.5	1.0	0.6	
" 10123 () F	0.012 (123)	"	"	12.0	"	"	"	
" 10153 () F	0.015 (153)	"	7.0	12.5	"	"	"	
" 10183 () F	0.018 (183)	"	7.5	13.0	"	"	0.8	
" 10223 () F	0.022 (223)	"	"	15.5	"	"	"	
" 10273 () F	0.027 (273)	21.0	6.0	13.0	17.5	"	"	
" 10333 () F	0.033 (333)	"	6.5	14.0	"	"	"	
" 10393 () F	0.039 (393)	"	7.0	14.5	"	"	"	
" 10473 () F	0.047 (473)	"	7.5	15.5	"	"	"	
" 10563 () F	0.056 (563)	"	"	17.0	"	"	"	
" 10683 () F	0.068 (683)	"	8.5	18.0	"	"	"	
" 10823 () F	0.082 (823)	"	9.0	18.5	"	"	"	
" 10104 () F	0.1 (104)	"	10.0	20.0	"	"	"	
" 10124 () F	0.12 (124)	26.0	9.0	18.5	22.5	"	"	
" 10154 () F	0.15 (154)	"	10.0	20.0	"	1.5	"	
" 10184 () F	0.18 (184)	"	10.5	22.0	"	"	"	
" 10224 () F	0.22 (224)	"	12.0	23.0	"	"	"	

TOL. SYMBOL (J or K)



ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Company name changed	Apr. 1 2012
△	Company name changed	Apr. 1 2013
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)	: 1000VDCx175%	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

Ⓜ 103 K
Q-E 1000V
125V~ ← date code

Reference

DESIGN	M. Mehada
CHECKED	R. Osaki
APPROVAL	R. Takumitar
ESTABLISHMENT	Apr. 27, 2011
TYPE NAME ECQE10*** () F	
NAME Metallized Polyester Film Capacitor	
DRAWING NAME PRODUCT DRAWING	
DRAWING No. A001M-J-E (1/1)	

Film Capacitor Division
Capacitor Business Division
Panasonic Corporation