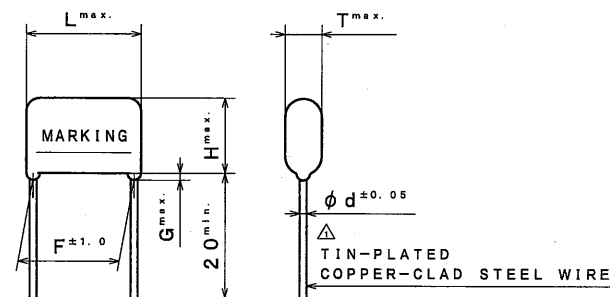


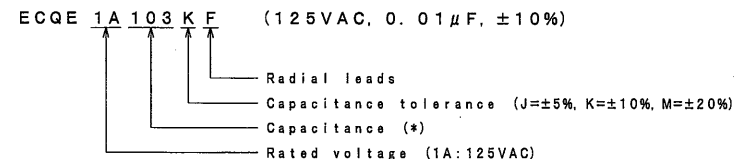
THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μF (*)	DIMENSIONS						MARKING STYLE
			L	T	H	F	G	d	
ECQE1A103 () F	125VAC	0.01 (103)	10.5	4.5	7.5	7.5	1.0	0.6	1
" 1A123 () F	"	0.012 (123)	"	4.4	"	"	"	"	"
" 1A153 () F	"	0.015 (153)	"	"	"	"	"	"	"
" 1A183 () F	"	0.018 (183)	"	"	"	"	"	"	"
" 1A223 () F	"	0.022 (223)	"	"	"	"	"	"	"
" 1A273 () F	"	0.027 (273)	"	"	"	"	"	"	"
" 1A333 () F	"	0.033 (333)	"	4.5	7.8	"	"	"	"
" 1A393 () F	"	0.039 (393)	"	"	"	"	"	"	"
" 1A473 () F	"	0.047 (473)	"	5.5	8.0	"	"	"	"
" 1A563 () F	"	0.056 (563)	"	5.9	8.5	"	"	"	"
" 1A683 () F	"	0.068 (683)	"	6.3	9.4	"	"	"	"
" 1A823 () F	"	0.082 (823)	"	6.5	9.8	"	"	"	"
" 1A104 () F	"	0.1 (104)	"	"	11.8	"	"	"	"
" 1A124 () F	"	0.12 (124)	12.5	5.9	11.5	10.0	"	"	"
" 1A154 () F	"	0.15 (154)	"	6.5	12.0	"	"	"	"
" 1A184 () F	"	0.18 (184)	"	7.0	12.5	"	"	"	"
" 1A224 () F	"	0.22 (224)	"	7.5	13.4	"	"	"	"
" 1A274 () F	"	0.27 (274)	18.5	6.3	12.0	15.0	"	"	2
" 1A334 () F	"	0.33 (334)	"	6.9	12.5	"	"	"	"
" 1A394 () F	"	0.39 (394)	"	7.4	13.0	"	"	"	"
" 1A474 () F	"	0.47 (474)	"	7.5	15.3	"	"	"	"

TOL. SYMBOL (J or K or M)



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.

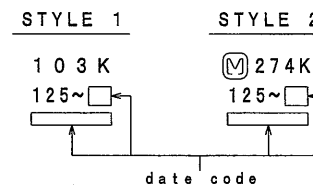
MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, manufacturer's trademark (STYLE 2 only) and date code.

PROPERTIES

Capacitance	: See table	at 1kHz
Capacitance tolerance	: ±5% (J), ±10% (K), ±20% (M)	at 1kHz
Rated voltage	: 125VAC	
Withstand voltage (terminal-terminal)	: 125VAC × 230% for 60s	
(terminal-enclosure)	: 1500VAC for 60s	
Insulation resistance	: ≥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)		

MARKING EXAMPLE



ALTERATION

ISSUE	DESCRIPTION	DATE
①	Overall rewriting Modification	Jun. 20 2002
②	Company name changed	Oct. 1 2004
③	Company name changed	Apr. 1 2005
④	Company name changed	Apr. 1 2006
⑤	Company name changed	Apr. 1 2008
⑥	Change: category temperature range (-40°C~+85°C--40°C~+105°C)	Dec. 21 2010
⑦	Company name changed	Apr. 1 2012
⑧	Company name changed	Apr. 1 2013
⑨	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

TEA7069H

Reference

DESIGN	Ap. Amthya
CHECKED	X. Beak
APPROVAL	Y. Takata
ESTABLISHMENT	Nov. 22. 1988
TYPE NAME	ECQE1A*** () F
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-819E (1/1)

Toyama-Matsue Plant
Device Solutions Business Division
Panasonic Corporation

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS