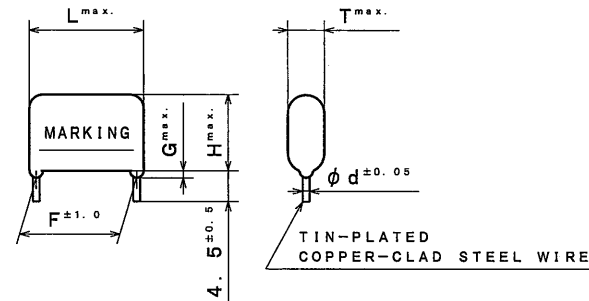


THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. ( $\mu$ F)	DIMENSIONS						MARKING STYLE
			L	T	H	F	G	d	
ECQE1A103 () BZ	125VAC	0.01	7.9	4.2	7.1	5.0	1.0	0.5	1
# 1A123 () BZ	"	0.012	"	"	"	"	"	"	"
# 1A153 () BZ	"	0.015	"	"	"	"	"	"	"
# 1A183 () BZ	"	0.018	"	4.3	7.2	"	"	"	"
# 1A223 () BZ	"	0.022	"	"	"	"	"	"	"
# 1A273 () BZ	"	0.027	"	"	"	"	"	"	"
# 1A333 () BZ	"	0.033	"	"	"	"	"	"	"
# 1A393 () BZ	"	0.039	"	4.5	7.4	"	"	"	"
# 1A473 () BZ	"	0.047	"	4.8	7.7	"	"	"	"
# 1A563 () BZ	"	0.056	"	5.1	8.0	"	"	"	"
# 1A683 () BZ	"	0.068	"	5.4	8.6	"	"	"	"
# 1A823 () BZ	"	0.082	10.3	4.6	7.6	7.5	"	"	"
# 1A104 () BZ	"	0.1	"	5.1	7.7	"	"	"	"
# 1A124 () BZ	"	0.12	"	5.3	8.4	"	"	"	"
# 1A154 () BZ	"	0.15	"	5.7	8.9	"	"	"	"
# 1A184 () BZ	"	0.18	"	5.6	10.3	"	"	"	"
# 1A224 () BZ	"	0.22	"	6.1	11.0	"	"	"	"
# 1A274 () BZ	"	0.27	12.3	5.4	10.7	10.0	"	0.6	"
# 1A334 () BZ	"	0.33	"	5.9	11.2	"	"	"	"
# 1A394 () BZ	"	0.39	"	6.4	11.6	"	"	"	"
# 1A474 () BZ	"	0.47	"	7.0	12.2	"	"	"	"
# 1A564 () BZ	"	0.56	"	6.7	11.9	"	"	"	"
# 1A684 () BZ	"	0.68	"	7.3	12.7	"	"	"	"
# 1A824 () BZ	"	0.82	15.3	6.3	13.3	12.5	"	"	2
# 1A105 () BZ	"	1.0	"	7.0	14.0	"	"	"	"
# 1A125 () BZ	"	1.2	20.8	7.1	14.1	17.5	"	0.8	"
# 1A155 () BZ	"	1.5	"	8.0	15.1	"	"	"	"
# 1A185 () BZ	"	1.8	"	8.7	15.9	"	"	"	"
# 1A225 () BZ	"	2.2	"	9.7	17.1	"	"	"	"
# 1A275 () BZ	"	2.7	"	10.9	18.2	"	"	"	"
# 1A335 () BZ	"	3.3	25.8	9.6	18.7	22.5	"	"	"
# 1A395 () BZ	"	3.9	"	10.6	19.7	"	"	"	"
# 1A475 () BZ	"	4.7	"	11.8	20.8	"	"	"	"

TOL. SYMBOL (J or K or M)



ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Change: category temperature range (-40°C~+85°C--40°C~+105°C)	Dec. 13 2010
△	Company name changed	Apr. 1 2012
△	Company name changed	Apr. 1 2013
△	Company name changed	Apr. 1 2015
SPECIFICATIONS No.		

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

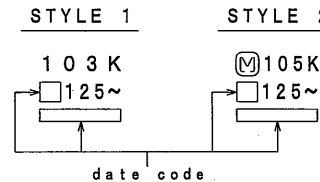
Marking comprises capacitance, capacitance tolerance, rated voltage, manufacturer's trademark (STYLE 2 only) and date code.

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 (C≤0.47μF) at 500VDC, 20°C for 60s
- : ≥3000MΩ·μF (C>0.47μF) at 100VDC, 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)

DO NOT SCALE DRAWING REVISIONS INDICATED BY △ ALL DIMENSIONS ARE IN MILLIMETERS

MARKING EXAMPLE



Reference

DESIGN	<i>Sh. M. Kudo</i>
CHECKED	<i>R. Otsuki</i>
APPROVAL	<i>H. Takano</i>
ESTABLISHMENT	Oct. 1. 2010
TYPE NAME	ECQE1A*** () BZ
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	0039M-J-E (1/1)

Toyama·Matsuo Plant  
Device Solutions Business Division  
Panasonic Corporation