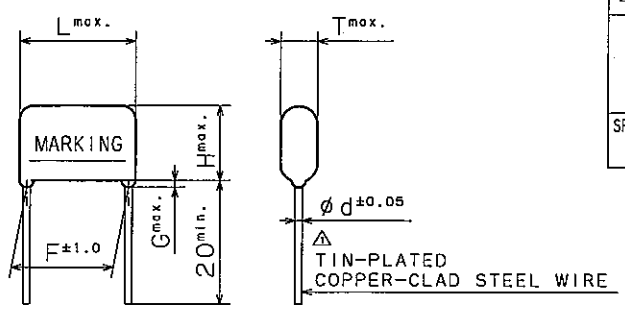
THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μF (*)	DIMENSIONS L	T	H	F	G	d	MARKING STYLE
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)



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

SPECIFICATIONS No.
TEA7069H

ITEM CODE NUMBER STRUCTURE

ECQE 1A 103 K F (125VAC, 0.01μF, ±10%)

- F: Radial leads
- K: Capacitance tolerance (J=±5%, K=±10%, M=±20%)
- 103: Capacitance (*)
- 1A: Rated voltage (1A:125VAC)

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.

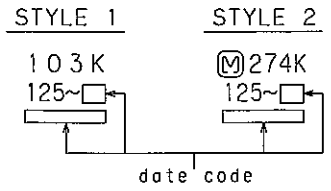
MARKING

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)	:125VACx230% for 60s	
(terminal-enclosure)	:1500VAC for 60s	
Insulation resistance	:≥2000MΩ at 500VDC, 20℃ for 60s	
Dissipation factor	:≤1.0% at 1kHz, 20℃	
Category temperature range	:From -40℃ to +85℃	
(including temperature rise on unit surface)		

MARKING EXAMPLE



Reference

DESIGN	E. Takeda
CHECKED	M. Nishikori
APPROVAL	M. Nagaoka
ESTABLISHMENT	Nov.22.1988
TYPE NAME	ECQE1A***()F
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-819E (1/1)

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

Panasonic Electronic Circuit Capacitor Business Unit, Panasonic Electronic Devices Co.,Ltd.