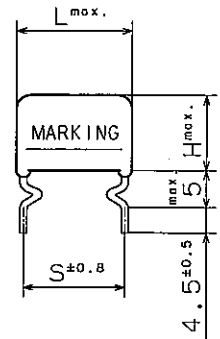


THIRD ANGLE PROJECTION

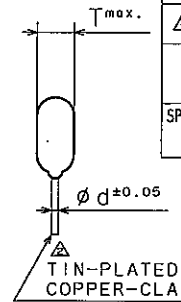
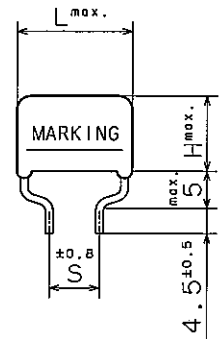
ITEM CODE	RATED VOLTAGE	CAP. μ F (*)	DIMENSIONS					MARKING STYLE	FORMING TYPE
			L	T	H	S	d		
ECQE4103()FB	400VDC	0.01 (103)	10.3	4.3	7.4	7.5	0.6	1	D
# 4123()FB	#	0.012(123)	#	4.4	7.5	#	#	#	#
# 4153()FB	#	0.015(153)	#	#	#	#	#	#	#
# 4183()FB	#	0.018(183)	#	#	#	#	#	#	#
# 4223()FB	#	0.022(223)	#	4.8	7.9	#	#	#	#
# 4273()FB	#	0.027(273)	#	5.5	8.0	#	#	#	#
# 4333()FB	#	0.033(333)	#	6.0	9.0	#	#	#	#
# 4393()FB	#	0.039(393)	12.0	4.9	8.0	10.0	#	#	#
# 4473()FB	#	0.047(473)	#	5.0	8.3	#	#	#	#
# 4563()FB	#	0.056(563)	#	#	10.0	#	#	#	#
# 4683()FB	#	0.068(683)	#	5.4	10.5	#	#	#	#
# 4823()FB	#	0.082(823)	#	5.8	11.0	#	#	#	#
# 4104()FB	#	0.1 (104)	#	6.3	12.0	#	#	#	#
# 4124()FB	#	0.12 (124)	18.5	5.0	10.0	#	#	2	B
# 4154()FB	#	0.15 (154)	#	#	12.4	#	#	#	#
# 4184()FB	#	0.18 (184)	#	5.4	12.5	#	#	#	#
# 4224()FB	#	0.22 (224)	#	5.9	13.0	#	#	#	#
# 4274()FB	#	0.27 (274)	#	6.5	14.3	#	0.8	#	#
# 4334()FB	#	0.33 (334)	#	7.0	14.9	#	#	#	#
# 4394()FB	#	0.39 (394)	#	7.5	15.4	#	#	#	#
# 4474()FB	#	0.47 (474)	#	7.8	17.0	#	#	#	#
# 4564()FB	#	0.56 (564)	26.0	6.5	16.0	15.0	#	#	#
# 4684()FB	#	0.68 (684)	#	7.0	16.5	#	#	#	#
# 4824()FB	#	0.82 (824)	#	7.9	17.3	#	#	#	#
# 4105()FB	#	1.0 (105)	#	8.5	18.0	#	#	#	#
# 4125()FB	#	1.2 (125)	#	9.5	18.9	#	#	#	#
# 4155()FB	#	1.5 (155)	31.0	#	19.0	22.5	#	#	#
# 4185()FB	#	1.8 (185)	#	11.0	20.5	#	#	#	#
# 4225()FB	#	2.2 (225)	#	#	22.0	#	#	#	#

TOL. SYMBOL (J or K)

TYPE D



TYPE B

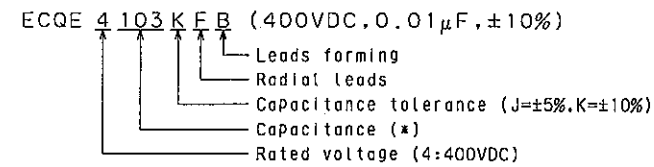


TIN-PLATED COPPER-CLAD STEEL WIRE

ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Overall rewriting	Dec.10 1999
△	Modification	Jun.20 2002
△	Company name changed	Oct.1 2004
△	Company name changed	Apr.1 2005

SPECIFICATIONS No. TE72031Y

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.

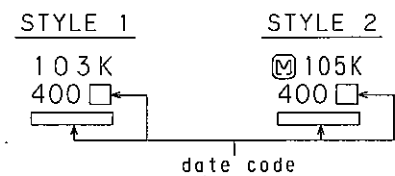
MARKING

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

PROPERTIES

- Capacitance: See table at 1kHz
- Capacitance tolerance: \pm 5%(J), \pm 10%(K) at 1kHz
- Rated voltage: 400VDC
- Withstand voltage: 400VDC x 150% for 60s
- Insulation resistance: \geq 9000M Ω (C \leq 0.33 μ F) at 100VDC, 20 $^{\circ}$ C for 60s
- : \geq 3000M Ω \cdot μ F (C > 0.33 μ F) at 100VDC, 20 $^{\circ}$ C for 60s
- Dissipation factor: \leq 1.0% at 1kHz, 20 $^{\circ}$ C
- Category temperature range: From -40 $^{\circ}$ C to +85 $^{\circ}$ C (including temperature rise on unit surface)

MARKING EXAMPLE



Reference

DESIGN	E. Takada
CHECKED	M. Nishikori
APPROVAL	M. Magaoka
ESTABLISHMENT	Apr. 27, 1987
TYPE NAME	ECQE4***()FB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-C015 (1/1)

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