

THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μF (*)	DIMENSIONS					MARKING STYLE	FORMING TYPE
			L	T	H	S	d		
ECQE2103()TB	250VDC	0.01 (103)	10.8	4.3	7.4	7.5	0.6	1	D
# 2123()TB	#	0.012 (123)	#	4.4	7.5	#	#	#	#
# 2153()TB	#	0.015 (153)	#	#	#	#	#	#	#
# 2183()TB	#	0.018 (183)	#	#	#	#	#	#	#
# 2223()TB	#	0.022 (223)	#	#	#	#	#	#	#
# 2273()TB	#	0.027 (273)	#	#	#	#	#	#	#
# 2333()TB	#	0.033 (333)	#	4.5	#	#	#	#	#
# 2393()TB	#	0.039 (393)	#	#	#	#	#	#	#
# 2473()TB	#	0.047 (473)	#	#	#	#	#	#	#
# 2563()TB	#	0.056 (563)	#	4.8	7.9	#	#	#	#
# 2683()TB	#	0.068 (683)	#	4.5	7.5	#	#	#	#
# 2823()TB	#	0.082 (823)	#	4.9	8.0	#	#	#	#
# 2104()TB	#	0.1 (104)	#	5.8	8.4	#	#	#	#
# 2124()TB	#	0.12 (124)	#	6.0	9.0	#	#	#	#
# 2154()TB	#	0.15 (154)	#	#	10.8	#	#	#	#
# 2184()TB	#	0.18 (184)	12.5	5.0	10.3	10.0	#	#	#
# 2224()TB	#	0.22 (224)	#	5.5	10.5	#	#	#	#
# 2274()TB	#	0.27 (274)	#	6.0	11.5	#	#	#	#
# 2334()TB	#	0.33 (334)	#	6.5	12.0	#	#	#	#
# 2394()TB	#	0.39 (394)	19.0	4.9	#	#	#	2	B
# 2474()TB	#	0.47 (474)	#	5.3	12.5	#	#	#	#
# 2564()TB	#	0.56 (564)	#	5.5	13.0	#	#	#	#
# 2684()TB	#	0.68 (684)	#	6.0	13.5	#	0.8	#	#
# 2824()TB	#	0.82 (824)	#	6.5	14.5	#	#	#	#
# 2105()TB	#	1.0 (105)	#	7.4	15.0	#	#	#	#
# 2125()TB	#	1.2 (125)	#	8.0	15.9	#	#	#	#
# 2155()TB	#	1.5 (155)	#	9.0	16.8	#	#	#	#
# 2185()TB	#	1.8 (185)	26.5	7.5	15.5	15.0	#	#	#
# 2225()TB	#	2.2 (225)	#	8.5	16.3	#	#	#	#
# 2275()TB	#	2.7 (275)	#	9.4	17.0	#	#	#	#
# 2335()TB	#	3.3 (335)	#	10.3	18.0	#	#	#	#
# 2395()TB	#	3.9 (395)	#	11.0	20.5	#	#	#	#
# 2475()TB	#	4.7 (475)	#	12.0	21.5	#	#	#	#
# 2565()TB	#	5.6 (565)	31.5	11.8	21.0	22.5	#	#	#
# 2685()TB	#	6.8 (685)	#	13.0	22.4	#	#	#	#
# 2825()TB	#	8.2 (825)	#	14.3	23.5	#	#	#	#
# 2106()TB	#	10.0 (106)	#	15.9	25.8	#	#	#	#

TOL. SYMBOL (J or K)

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

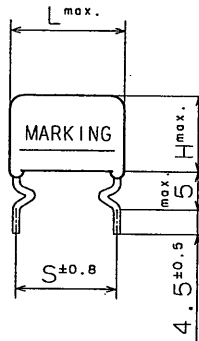
Marking comprises capacitance, capacitance tolerance, rated voltage, manufacturer's trademark (STYLE 2 only) and date code.

PROPERTIES

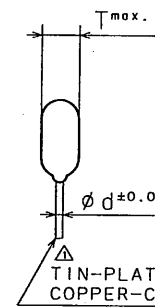
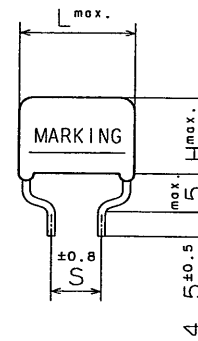
Capacitance : See table at 1kHz
 Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K) at 1kHz
 Rated voltage : 250VDC Δ (Derating of rated voltage by 1.25%/°C at more than 85°C)
 Withstand voltage : 250VDC x 150% for 60s
 Insulation resistance : $\geq 9000M\Omega$ ($C \leq 0.33\mu F$) at 100VDC, 20°C for 60s
 : $\geq 3000M\Omega \cdot \mu F$ ($C > 0.33\mu F$) at 100VDC, 20°C for 60s
 Dissipation factor : $\leq 1.0\%$ at 1kHz, 20°C
 Category temperature range : Δ From -40°C to +105°C
 (including temperature rise on unit surface)

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

TYPE D



TYPE B

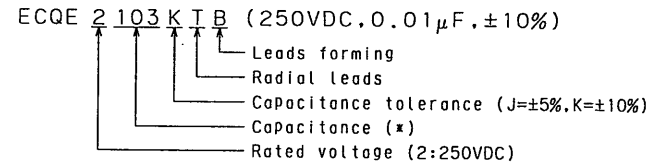


TIN-PLATED COPPER-CLAD STEEL WIRE

ALTERATION		
ISSUE	DESCRIPTION	DATE
Δ	Modification	Jun. 20 2002
Δ	Company name changed	Oct. 1 2004
Δ	Company name changed	Apr. 1 2005
Δ	Company name changed	Apr. 1 2006
Δ	Correction: category temperature range (-25°C~+85°C \rightarrow -25°C~+105°C) Addition: rated voltage (Derating of rated voltage by 1.25%/°C at more than 85°C) Company name changed	Apr. 1 2008

SPECIFICATIONS No.

ITEM CODE NUMBER STRUCTURE



Reference

DESIGN	M. Moriyama
CHECKED	M. Kashi
APPROVAL	M. Nagaoaka
ESTABLISHMENT	Mar. 7. 2002
TYPE NAME	ECQE2***()TB
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	2035M-J-E (1/1)

Panasonic Electronic Devices Japan Co., Ltd.
Film Capacitor Division

MARKING EXAMPLE

