

THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. μ F (*)	DIMENSIONS							MARKING STYLE
			L	T	H	F	G	d		
ECQE2103()T	250VDC	0.01 (103)	10.8	4.3	7.4	7.5	1.0	0.6	1	
# 2123()T	#	0.012 (123)	#	4.4	7.5	#	#	#	#	
# 2153()T	#	0.015 (153)	#	#	#	#	#	#	#	
# 2183()T	#	0.018 (183)	#	#	#	#	#	#	#	
# 2223()T	#	0.022 (223)	#	#	#	#	#	#	#	
# 2273()T	#	0.027 (273)	#	#	#	#	#	#	#	
# 2333()T	#	0.033 (333)	#	4.5	#	#	#	#	#	
# 2393()T	#	0.039 (393)	#	#	#	#	#	#	#	
# 2473()T	#	0.047 (473)	#	#	#	#	#	#	#	
# 2563()T	#	0.056 (563)	#	4.8	7.9	#	#	#	#	
# 2683()T	#	0.068 (683)	#	4.5	7.5	#	#	#	#	
# 2823()T	#	0.082 (823)	#	4.9	8.0	#	#	#	#	
# 2104()T	#	0.1 (104)	#	5.8	8.4	#	#	#	#	
# 2124()T	#	0.12 (124)	#	6.0	9.0	#	#	#	#	
# 2154()T	#	0.15 (154)	#	#	10.8	#	#	#	#	
# 2184()T	#	0.18 (184)	12.5	5.0	10.3	10.0	#	#	#	
# 2224()T	#	0.22 (224)	#	5.5	10.5	#	#	#	#	
# 2274()T	#	0.27 (274)	#	6.0	11.5	#	#	#	#	
# 2334()T	#	0.33 (334)	#	6.5	12.0	#	#	#	#	
# 2394()T	#	0.39 (394)	19.0	4.9	#	15.0	#	#	2	
# 2474()T	#	0.47 (474)	#	5.3	12.5	#	#	#	#	
# 2564()T	#	0.56 (564)	#	5.5	13.0	#	#	#	#	
# 2684()T	#	0.68 (684)	#	6.0	13.5	#	#	0.8	#	
# 2824()T	#	0.82 (824)	#	6.5	14.5	#	#	#	#	
# 2105()T	#	1.0 (105)	#	7.4	15.0	#	#	#	#	
# 2125()T	#	1.2 (125)	#	8.0	15.9	#	#	#	#	
# 2155()T	#	1.5 (155)	#	9.0	16.8	#	#	#	#	
# 2185()T	#	1.8 (185)	26.5	7.5	15.5	22.5	#	#	#	
# 2225()T	#	2.2 (225)	#	8.5	16.3	#	#	#	#	
# 2275()T	#	2.7 (275)	#	9.4	17.0	#	#	#	#	
# 2335()T	#	3.3 (335)	#	10.3	18.0	#	1.5	#	#	
# 2395()T	#	3.9 (395)	#	11.0	20.5	#	#	#	#	
# 2475()T	#	4.7 (475)	#	12.0	21.5	#	#	#	#	
# 2565()T	#	5.6 (565)	31.5	11.8	21.0	27.5	#	#	#	
# 2685()T	#	6.8 (685)	#	13.0	22.4	#	#	#	#	
# 2825()T	#	8.2 (825)	#	14.3	23.5	#	#	#	#	
# 2106()T	#	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.

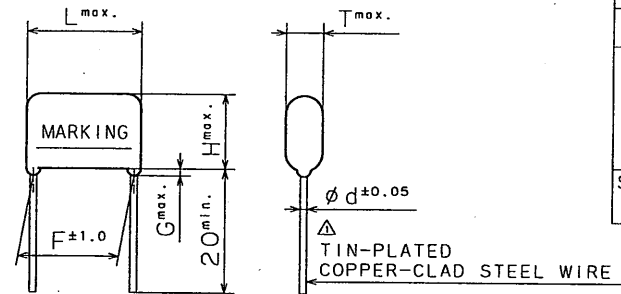
MARKING

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

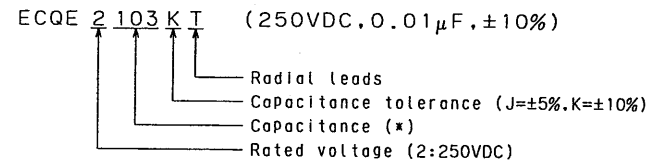
PROPERTIES

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)

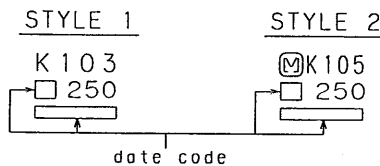
DO NOT SCALE DRAWING REVISIONS INDICATED BY Δ ALL DIMENSIONS ARE IN MILLIMETERS



ITEM CODE NUMBER STRUCTURE



MARKING EXAMPLE



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.

Reference

DESIGN	M. Moriyama
CHECKED	M. Kashi
APPROVAL	M. Nagasaka
ESTABLISHMENT	Mar. 7.2002
TYPE NAME	ECQE2***()T
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	2032M-J-E (1/1)

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