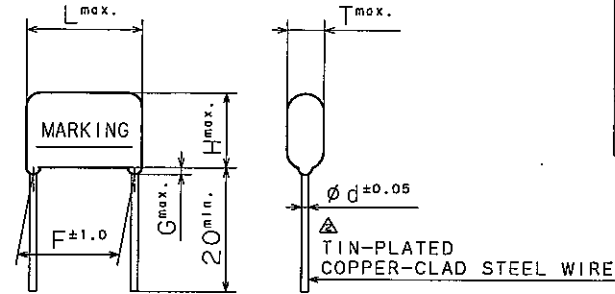


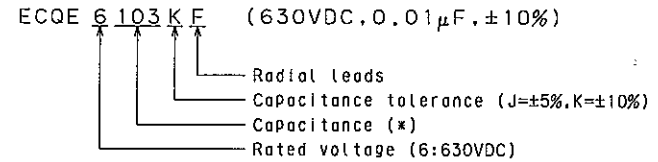
THIRD ANGLE PROJECTION

ITEM CODE	RATED VOLTAGE	CAP. $\mu\text{F}$ ( * )	DIMENSIONS						MARKING STYLE
			L	T	H	F	G	d	
ECQE6103(J)F	630VDC	0.01 (103)	12.0	4.5	7.5	10.0	1.0	0.6	1
# 6123(J)F	#	0.012 (123)	#	#	7.8	#	#	#	#
# 6153(J)F	#	0.015 (153)	#	5.0	8.2	#	#	#	#
# 6183(J)F	#	0.018 (183)	#	4.9	10.0	#	#	#	#
# 6223(J)F	#	0.022 (223)	#	5.3	10.5	#	#	#	#
# 6273(J)F	#	0.027 (273)	#	5.5	10.9	#	#	#	#
# 6333(J)F	#	0.033 (333)	#	6.0	11.9	#	#	#	#
# 6393(J)F	#	0.039 (393)	#	#	13.4	#	#	#	#
# 6473(J)F	#	0.047 (473)	#	6.5	13.5	#	#	#	#
# 6563(J)F	#	0.056 (563)	18.5	5.4	10.5	15.0	#	#	2
# 6683(J)F	#	0.068 (683)	#	5.8	11.0	#	#	#	#
# 6823(J)F	#	0.082 (823)	#	6.5	12.0	#	#	#	#
# 6104(J)F	#	0.1 (104)	#	6.3	14.0	#	#	#	#
# 6124(J)F	#	0.12 (124)	#	#	14.5	#	#	0.8	#
# 6154(J)F	#	0.15 (154)	#	7.5	15.4	#	#	#	#
# 6184(J)F	#	0.18 (184)	#	8.0	16.0	#	#	#	#
# 6224(J)F	#	0.22 (224)	#	9.0	16.5	#	#	#	#
# 6274(J)F	#	0.27 (274)	26.0	7.0	#	22.5	#	#	#
# 6334(J)F	#	0.33 (334)	#	7.8	17.0	#	#	#	#
# 6394(J)F	#	0.39 (394)	#	8.5	17.9	#	#	#	#
# 6474(J)F	#	0.47 (474)	#	9.3	18.5	#	#	#	#
# 6564(J)F	#	0.56 (564)	#	10.0	20.0	#	#	1.5	#
# 6684(J)F	#	0.68 (684)	#	11.5	21.0	#	#	#	#
# 6824(J)F	#	0.82 (824)	31.0	11.3	20.5	27.5	#	#	#
# 6105(J)F	#	1.0 (105)	#	12.5	21.9	#	#	#	#
# 6125(J)F	#	1.2 (125)	#	13.5	23.0	#	#	#	#
# 6155(J)F	#	1.5 (155)	#	15.3	24.7	#	#	#	#
# 6185(J)F	#	1.8 (185)	#	16.8	27.0	#	#	#	#
# 6225(J)F	#	2.2 (225)	#	19.5	29.0	#	#	#	#

TOL. SYMBOL (J or K)



ITEM CODE NUMBER STRUCTURE



ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Overall rewriting	Jan.12 1998
△	Modification	Jun.20 2002
△	Company name changed	Oct. 1 2004
△	Company name changed	Apr. 1 2005
SPECIFICATIONS No. TE72035Y		

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.

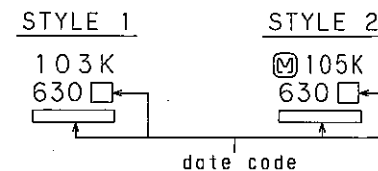
MARKING

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 : 630VDC  
 Withstand voltage : 630VDC $\times 150\%$  for 60s  
 Insulation resistance :  $\geq 9000\text{M}\Omega$  ( $C \leq 0.33\mu\text{F}$ ) at 100VDC, 20°C for 60s  
 :  $\geq 3000\text{M}\Omega \cdot \mu\text{F}$  ( $C > 0.33\mu\text{F}$ ) at 100VDC, 20°C for 60s  
 Dissipation factor :  $\leq 1.0\%$  at 1kHz, 20°C  
 Category temperature range : From -40°C to +85°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	ECQE6***(J)F
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-C017 (1/1)

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