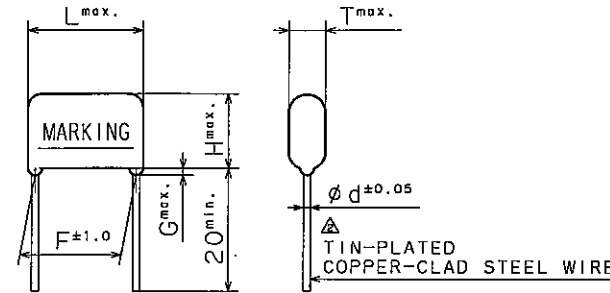


THIRD ANGLE PROJECTION

ITEM CODE	CAP. μF (*)	CAP. (μF)	DIMENSIONS					
			L	T	H	F	G	d
ECQE12102(J)F	0.001 (102)	0.001	15.5	6.0	11.0	12.5	1.0	0.6
# 12122(J)F	0.0012(122)	0.0012	#	#	#	#	#	#
# 12152(J)F	0.0015(152)	0.0015	#	#	#	#	#	#
# 12182(J)F	0.0018(182)	0.0018	#	#	#	#	#	#
# 12222(J)F	0.0022(222)	0.0022	#	#	11.5	#	#	#
# 12272(J)F	0.0027(272)	0.0027	#	6.5	12.0	#	#	#
# 12332(J)F	0.0033(332)	0.0033	#	6.0	11.5	#	#	#
# 12392(J)F	0.0039(392)	0.0039	#	6.5	12.0	#	#	#
# 12472(J)F	0.0047(472)	0.0047	#	7.0	12.5	#	#	#
# 12562(J)F	0.0056(562)	0.0056	#	7.5	13.0	#	#	#
# 12682(J)F	0.0068(682)	0.0068	#	#	15.0	#	#	#
# 12822(J)F	0.0082(822)	0.0082	21.0	5.0	12.0	17.5	#	#
# 12103(J)F	0.01 (103)	0.01	#	#	12.5	#	#	#
# 12123(J)F	0.012 (123)	0.012	#	5.5	13.0	#	#	#
# 12153(J)F	0.015 (153)	0.015	#	6.0	13.5	#	#	#
# 12183(J)F	0.018 (183)	0.018	#	6.5	14.5	#	#	0.8
# 12223(J)F	0.022 (223)	0.022	#	7.0	15.0	#	#	#
# 12273(J)F	0.027 (273)	0.027	26.0	6.0	15.5	22.5	#	#
# 12333(J)F	0.033 (333)	0.033	#	6.5	16.0	#	#	#
# 12393(J)F	0.039 (393)	0.039	#	7.0	16.5	#	#	#
# 12473(J)F	0.047 (473)	0.047	#	8.0	17.0	#	#	#
# 12563(J)F	0.056 (563)	0.056	31.0	7.5	#	27.5	#	#
# 12683(J)F	0.068 (683)	0.068	#	8.0	17.5	#	#	#
# 12823(J)F	0.082 (823)	0.082	#	9.0	18.5	#	#	#
# 12104(J)F	0.1 (104)	0.1	#	10.0	19.5	#	#	#
# 12124(J)F	0.12 (124)	0.12	#	11.5	20.5	#	1.5	#
# 12154(J)F	0.15 (154)	0.15	#	12.0	23.0	#	#	#
# 12184(J)F	0.18 (184)	0.18	#	13.0	24.5	#	#	#
# 12224(J)F	0.22 (224)	0.22	#	14.5	26.5	#	#	#

↑ —TOL. SYMBOL (J or K or M)



ITEM CODE NUMBER STRUCTURE

ECQE 12 102 K F (1250VDC, 0.001 μF, ±10%)

- Radial leads
- Capacitance tolerance (J=±5%, K=±10%, M=±20%)
- Capacitance (*)
- Rated voltage (12:1250VDC)

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, type name, manufacturer's trademark and date code.

PROPERTIES

- Capacitance : See table at 1kHz
- Capacitance tolerance : ±5%(J), ±10%(K), ±20%(M) at 1kHz
- Rated voltage : 125VAC/1250VDC
- Withstand voltage (terminal-terminal) : 1250VDCx175% for 2s to 5s (1000VAC for 60s)
- (terminal-enclosure) : 1500VAC for 60s
- Insulation resistance : ≥10000MΩ at 100VDC, 20°C for 60s
- ≥ 2000MΩ at 500VDC, 20°C for 60s
- Dissipation factor : ≤1.0% at 1kHz, 20°C
- Category temperature range : From -40°C to +85°C (including temperature rise on unit surface)



MARKING EXAMPLE

Ⓜ 102 M
Q-E 1250V
125V~ □ ← date code

ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Overall rewriting Modification (MARKING EXAMPLE)	Jun. 9 1995
△	Modification	Jun. 20 2002
△	Company name changed	Oct. 1 2004
△	Company name changed	Apr. 1 2005

SPECIFICATIONS No.

Reference

DESIGN	T. Harada
CHECKED	M. Nishikori
APPROVAL	M. Nagasaka
ESTABLISHMENT	Nov. 29, 1989
TYPE NAME	ECQE12***()F
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	CT-H-969E (1/1)

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