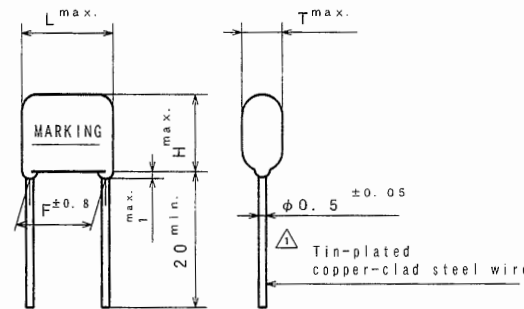
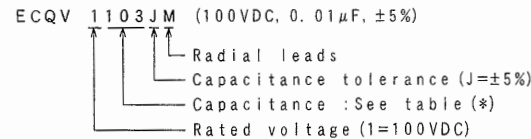


THIRD ANGLE PROJECTION

ITEM CODE	CAPACITANCE μF (*)	DIMENSIONS			
		L	T	H	F
ECQV 1103JM	0.01 (103)	7.5	3.2	7.0	5.0
" 1123JM	0.012 (123)	"	"	"	"
" 1153JM	0.015 (153)	"	"	"	"
" 1183JM	0.018 (183)	"	"	"	"
" 1223JM	0.022 (223)	"	"	"	"
" 1273JM	0.027 (273)	"	"	"	"
" 1333JM	0.033 (333)	"	"	"	"
" 1393JM	0.039 (393)	"	"	"	"
" 1473JM	0.047 (473)	"	"	"	"
" 1563JM	0.056 (563)	"	"	"	"
" 1683JM	0.068 (683)	"	4.0	"	"
" 1823JM	0.082 (823)	"	4.1	"	"
" 1104JM	0.1 (104)	"	4.5	"	"
" 1124JM	0.12 (124)	10.2	3.3	9.0	7.5
" 1154JM	0.15 (154)	"	"	"	"
" 1184JM	0.18 (184)	"	3.6	"	"
" 1224JM	0.22 (224)	"	4.0	"	"
" 1274JM	0.27 (274)	"	4.2	"	"
" 1334JM	0.33 (334)	"	4.8	10.0	"
" 1394JM	0.39 (394)	"	5.5	"	"
" 1474JM	0.47 (474)	"	6.8	10.5	"

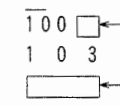


ITEM CODE NUMBER STRUCTURE



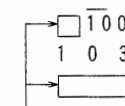
△ (example)

STYLE A



date code

STYLE B



date code

Marking shall be decided style A or style B by the manufacturing place.

ALTERATION		
ISSUE	DESCRIPTION	DATE
△1	Modification	May. 9 2002
△2	Company name changed	Oct. 28 2004
△3	Company name changed	Apr. 1 2005
△4	Additional Company name changed	Apr. 3 2006
△5	Correction: category temperature range (-40°C~+85°C~-40°C~+105°C) Addition: rated voltage (Derating of rated voltage by 2.5%/°C at more than 85°C) Company name changed	Apr. 1 2008
△6	Addition: marking example (STYLE B)	Sep. 22 2008
△7	Company name changed	Apr. 1 2012
△8	Company name changed	Apr. 1 2013

SPECIFICATIONS No.

CONSTRUCTION

The capacitor is of non-inductive construction with metallized polyester film and acrylic resin dielectric.

The capacitor is enclosed in epoxy resin and has two leads.

MARKING

Marking comprises capacitance, rated voltage and manufacturer's date code.

PROPERTIES

- Capacitance : See table (\*) at 1kHz
- Capacitance tolerance : ±5% (J)
- Rated voltage : 100VDC △ (Derating of rated voltage by 2.5%/°C at more than 85°C)
- Insulation resistance : I. R ≥ 3,000MΩ when C ≤ 0.33μF  
C. R ≥ 1,000MΩ·μF when C > 0.33μF } at 100VDC, 20°C
- Withstand voltage (terminal-terminal) : Rated voltage × 150% for 60s
- ☆ Dissipation factor : ≤ 1.0% at 1kHz, 20°C
- Category temperature range : △ From -40°C to +105°C (Including temperature rise on unit surface)

Reference

DESIGN	<i>A. M. ...</i>
CHECKED	<i>H. S. ...</i>
APPROVAL	<i>K. S. ...</i>
ESTABLISHMENT	Sep. 27, 1999
TYPE NAME	
ECQV 1***JM	
NAME STACKED METALLIZED FILM CAPACITOR	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
CV-H-AA9B (1/1)	

Film Capacitor Division  
Capacitor Business Division  
Panasonic Corporation