

THIRD ANGLE PROJECTION

Part No.	Cap. μF (*)	Dimensions						VOLUME (mm ²)
		L	T	H	F	d	P	
ECWFJ 60205J	2.0 (205)	31.5	8.0	17.0	27.5	0.8	0±1.0	2.00 4284
" 60225J	2.2 (225)	"	"	"	"	"	"	"
" 60275J	2.7 (275)	"	9.5	18.0	"	"	"	5387
" 60305J	3.0 (305)	"	"	"	"	"	"	"
" 60335J	3.3 (335)	"	"	"	"	"	"	"
" 60395J	3.9 (395)	"	10.5	21.0	"	"	"	6946
" 60405J	4.0 (405)	"	"	"	"	"	"	"
" 60475J	4.7 (475)	"	12.0	24.5	"	"	"	9261
" 60505J	5.0 (505)	"	"	"	"	"	"	"
" 60565J	5.6 (565)	"	"	"	"	"	"	"
" 60605J	6.0 (605)	"	"	"	"	"	"	"
" 60685J	6.8 (685)	"	"	"	"	"	"	"
" 60705J	7.0 (705)	"	13.5	28.5	"	"	"	12120
" 60755J	7.5 (755)	"	"	"	"	"	"	"
" 60805J	8.0 (805)	"	"	"	"	"	"	"
" 60825J	8.2 (825)	"	"	"	"	"	"	"
" 60905J	9.0 (905)	"	"	"	"	"	"	"
" 60126J	12.0 (126)	"	17.5	32.5	"	"	"	17916

ITEM CODE NUMBER STRUCTURE

ECWFJ 60 205 J (600VDC, 2.0μF, ±5%)
 Capacitance tolerance (J=±5%)
 Capacitance (*)
 Rated voltage (60...600VDC)

CONSTRUCTION

The capacitor is of non-inductive construction, would with metallized polypropylene film dielectric.

The capacitor is enclosed in non-combustible polybutylene terephthalate case, filled with non-combustible epoxy resin and has two leads.

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, and date code.

PROPERTIES

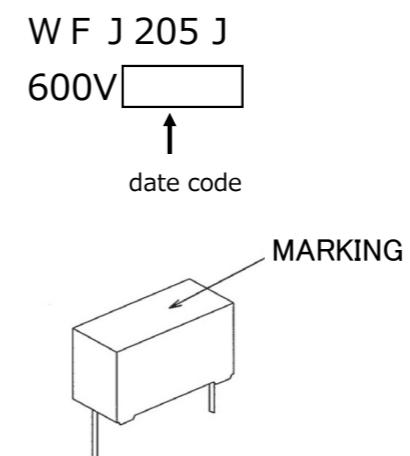
Capacitance	: See table	at 1kHz
Capacitance tolerance	: ±5% (J)	at 1kHz
Rated voltage	: 600VDC	
	(Derating of rated voltage by 1.0%/°C at more than 85 °C)	
Withstand voltage (terminal-terminal)	: 600VDC x 150%	for 60s
Insulation resistance	: ≥3000MΩ · μF	at 500VDC, R.T for 60s
Dissipation factor	: ≤ 0.1%	at 1kHz, R.T
Category temperature range (including temperature rise on unit surface)	: From -40°C to +110°C	

DO NOT SCALE DRAWING

REVISIONS INDICATED BY △

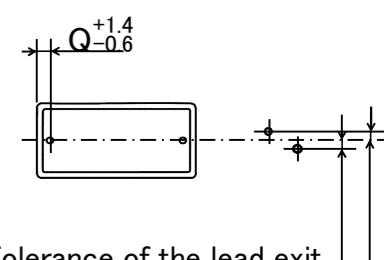
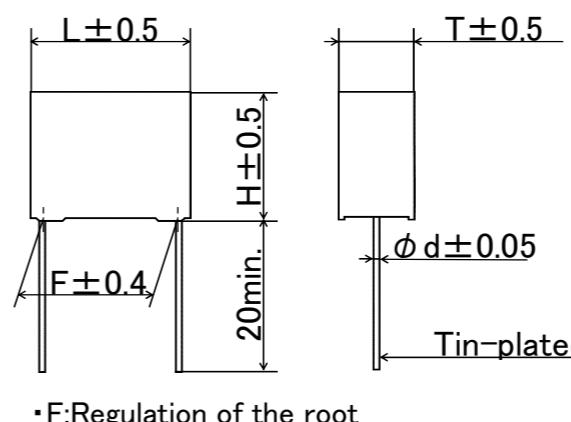
ALL DIMENSIONS ARE IN MILLIMETERS

MARKING EXAMPLE



ALTERATION		
ISSUE	DESCRIPTION	DATE
△1	Delete capacities 355 and 106	Dce. 19 2025

SPECIFICATIONS No.



PACKING QUANTITY

△1	Capacitance range (μF)	quantity (pcs.)
	2.0~3.3	400
	3.9~4.0	300
	4.7~6.8	200
	7.0~12.0	150

QUANTITY OF MINIMUM ORDER

△1	Capacitance range (μF)	quantity (pcs.)
	2.0~3.3	400
	3.9~4.0	300
	4.7~6.8	200
	7.0~12.0	150

Reference

DESIGN	Ou
CHECKED	Li
APPROVAL	Chen
ESTABLISHMENT	Nov.15.2025
TYPE NAME	ECWFJ 60***J
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	P005J-B-E
	Film Capacitor Business Unit
	Device Solutions Business Division
	Panasonic Industry Co., Ltd.