

THIRD ANGLE PROJECTION

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

ITEM CODE NUMBER STRUCTURE

ECWFJ 60 205 JA (600VDC, 2.0μF, ±5%)
 ↑ ↑ ↑
 Short leads 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

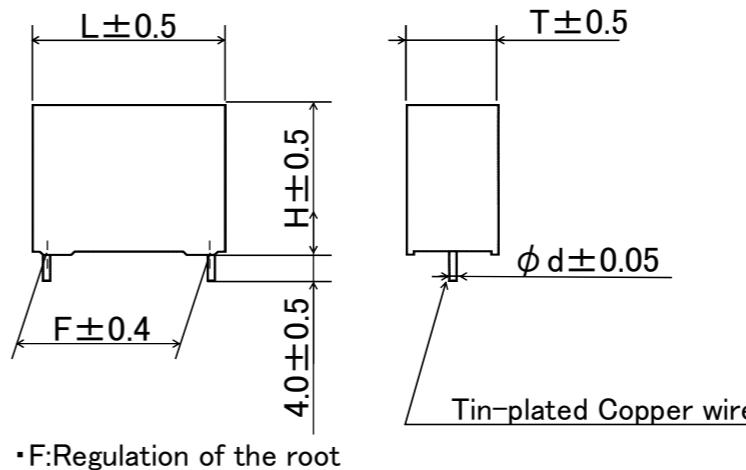
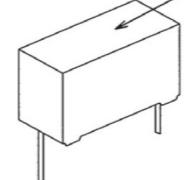
MARKING EXAMPLE

WFJ 205 J

600V

date code

MARKING



F:Regulation of the root

PACKING QUANTITY

Capacitance range (μF)	quantity (pcs.)
2.0~2.2	400
2.7~3.3	350
3.9~4.0	300
4.7~6.8	250
7.0~9.0	150
12.0	100

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
2.0~2.2	400
2.7~3.3	350
3.9~4.0	300
4.7~6.8	250
7.0~9.0	150
12.0	100

ALTERATION

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

Reference

DESIGN	Ou
CHECKED	Li
APPROVAL	chen
ESTABLISHMENT	Nov.15.2025
TYPE NAME	ECWFJ 60***JA
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	P006J-B-E
	Film Capacitor Business Unit
	Device Solutions Business Division
	Panasonic Industry Co., Ltd.