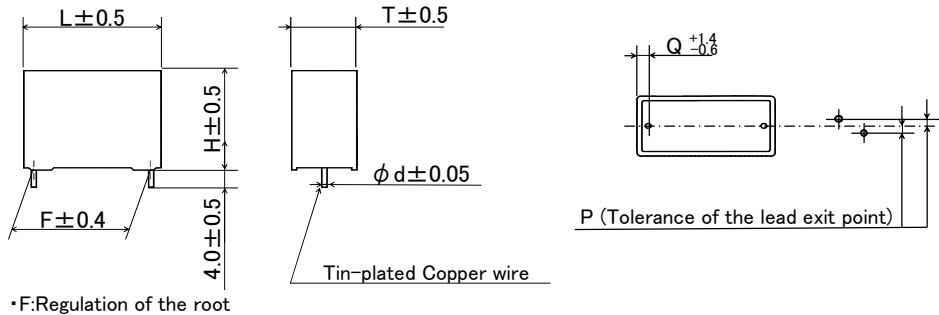


THIRD ANGLE PROJECTION

Part No.	Cap.		Dimensions							VOLUME (mm <sup>3</sup> )
	μF	( * )	L	T	H	F	d	P	Q	
ECWFJ 3A105JA	1.0	(105)	31.0	9.0	19.0	"	"	0±1.0	2.00	5301
" 3A155JA	1.5	(155)	"	11.0	21.0	"	"	"	"	7161
" 3A205JA	2.0	(205)	"	13.0	23.0	"	"	"	"	9269
" 3A225JA	2.2	(225)	"	"	"	"	"	"	"	"
" 3A305JA	3.0	(305)	"	14.0	24.0	"	"	"	"	10416
" 3A335JA	3.3	(335)	"	15.5	25.5	"	"	"	"	12450
" 3A405JA	4.0	(405)	31.5	16.0	29.5	"	"	"	"	14868
" 3A475JA	4.7	(475)	31.0	19.0	30.0	"	"	"	"	17670
" 3A505JA	5.0	(505)	"	"	"	"	"	"	"	"
" 3A605JA	6.0	(605)	31.5	17.5	32.5	"	"	"	"	17916



CONSTRUCTION

The capacitor is of non-inductive construction, would with metallized polypropylene film dielectric.  
The capacitor is enclosed in non-combustible polybutylene telephthalate case,  
filled with non-combustible epoxy resin and has two leads.

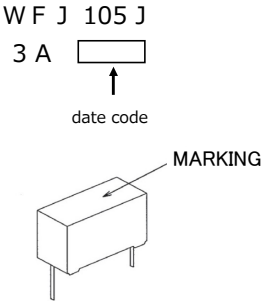
MARKING

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

PROPERTIES

Capacitance : See table at 1kHz  
Capacitance tolerance : ±5% (J) at 1kHz  
Rated voltage : 1000VDC  
(Derating of rated voltage by 1.0%/°C at more than 85°C)  
Withstand voltage (terminal-terminal) : 1000VDC 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 : From -40°C to +105°C  
(including temperature rise on unit surface)

MARKING EXAMPLE



ITEM CODE NUMBER STRUCTURE

ECWFJ 3A 105 JA (1000VDC, 1.0μF, ±5%)  
Short leads  
Capacitance tolerance (J = ±5%)  
Capacitance : See table (\*)  
Rated voltage (3A...1000VDC)

PACKING QUANTITY

Capacitance range (μF)	quantity (pcs.)
1.0	350
1.5	300
2.0~2.2	250
3.0~3.3	200
4.0~6.0	100

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
1.0	350
1.5	300
2.0~2.2	250
3.0~3.3	200
4.0~6.0	100

Reference

DESIGN	Xia
CHECKED	Li
APPROVAL	Chen
ESTABLISHMENT	Dec.25.2025
TYPE NAME	
ECWFJ 3A***JA	
NAME Metallized Polypropylene Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
P014J-B-E	
Film Capacitor Business Unit Device Solutions Business Division Panasonic Industry Co., Ltd.	

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS