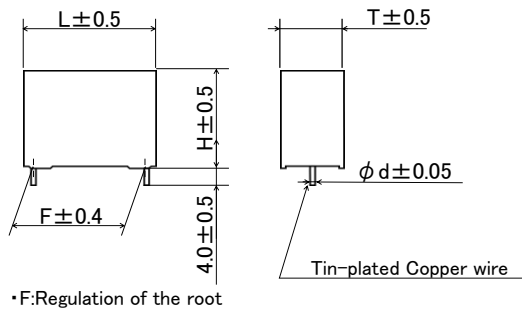


THIRD ANGLE PROJECTION

Part No.	Cap.	Dimensions							VOLUME (mm ³)
	μF (*)	L	T	H	F	d	P	Q	
ECWFJ 2J105()A	1.0 (105)	31.5	9.5	18.0	27.5	1.0	0±1.0	2.00	5387
ECWFJ 2J155()A	1.5 (155)	"	10.5	21.0	"	"	"	"	6946
ECWFJ 2J225()A	2.2 (225)	"	12.0	24.5	"	"	"	"	9261
ECWFJ 2J305()A	3.0 (305)	"	13.5	28.5	"	"	"	"	12120
ECWFJ 2J405()A	4.0 (405)	"	16.0	29.5	"	"	"	"	14868
ECWFJ 2J475()A	4.7 (475)	"	17.5	32.5	"	"	"	"	17916

Capacitance tolerance (J=±5%、K=±10%)



*F:Regulation of the root

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.

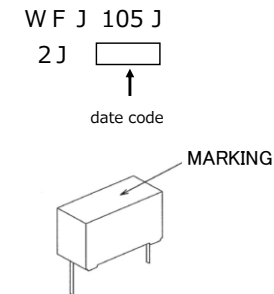
MARKING

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

PROPERTIES

Capacitance : See table at 1kHz
Capacitance tolerance : ±5% (J)、±10% (K) at 1kHz
Rated voltage : 630VDC
(Derating of rated voltage by 1.0%/°C at more than 85°C)
Withstand voltage (terminal-terminal) : 630VDC 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 +110°C
(including temperature rise on unit surface)

MARKING EXAMPLE



ITEM CODE NUMBER STRUCTURE

ECWFJ 2J 105 JA (630VDC, 1.0μF, ±5%)
Leads cut
Capacitance tolerance (J=±5%、K=±10%)
Capacitance : See table (*)
Rated voltage (2J...630VDC)

PACKING QUANTITY

Capacitance range (μF)	quantity (pcs.)
1.0	350
1.5	300
2.2	250
3.0	150
4.0	100
4.7	100

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
1.0	350
1.5	300
2.2	250
3.0	150
4.0	100
4.7	100

Reference

DESIGN	OU
CHECKED	Li
APPROVAL	Chen
ESTABLISHMENT	Nov.15.2025
TYPE NAME	
ECWFJ 2J**()A	
NAME Metallized Polypropylene Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
P008J-B-E	
Film Capacitor Business Unit Device Solutions Business Division Panasonic Industry Co., Ltd.	