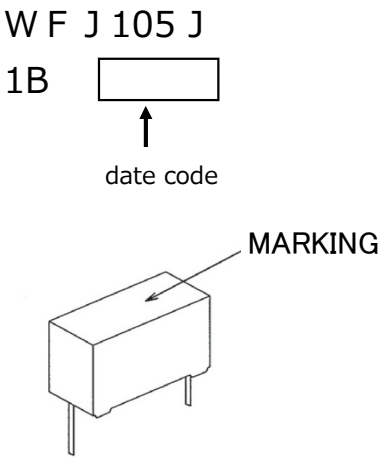


THIRD ANGLE PROJECTION

Part No.		Cap. μF (*)		Dimensions							VOLUME (mm ²)
				L	T	H	F	d	P	Q	
ECWFJ	1B105JA	1.0	(105)	31.5	10.5	21.0	27.5	0.8	0±1.0	2.00	6946
"	1B155JA	1.5	(155)	"	12.0	24.5	"	"	"	"	9261
"	1B205JA	2.0	(205)	"	"	"	"	"	"	"	"
"	1B225JA	2.2	(225)	"	13.5	28.5	"	"	"	"	12120
"	1B305JA	3.0	(305)	"	16.0	29.5	"	"	"	"	14868
"	1B335JA	3.3	(335)	"	"	"	"	"	"	"	"
"	1B405JA	4.0	(405)	"	17.5	32.5	"	"	"	"	17916
"	1B475JA	4.7	(475)	"	18.5	35.0	"	"	"	"	20396
"	1B505JA	5.0	(505)	"	"	"	"	"	"	"	"

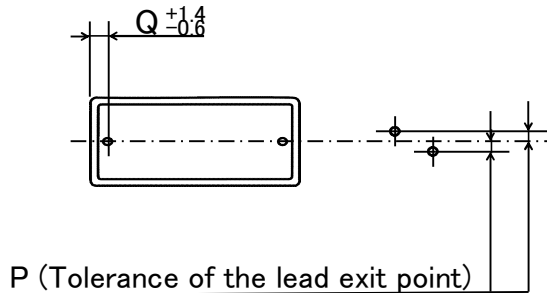
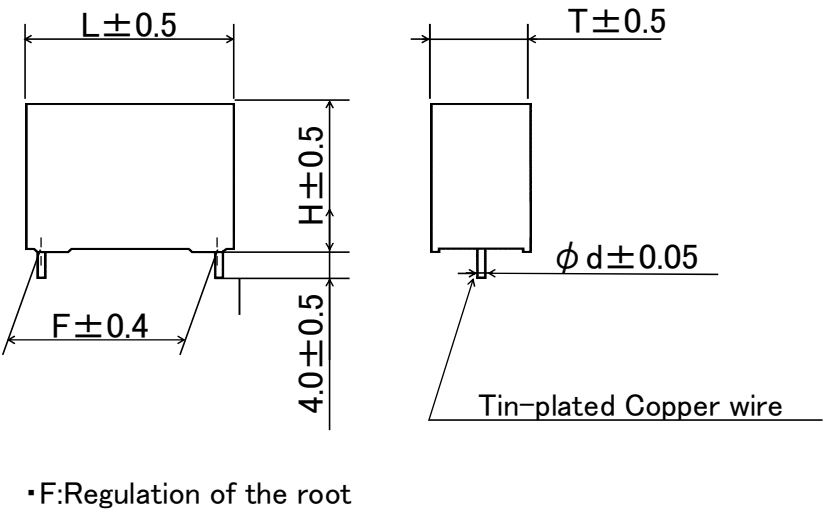
MARKING EXAMPLE



ITEM CODE NUMBER STRUCTURE

ECWFJ 1B 105 JA (1100VDC, 1.0μF, ±5%)

↑ Capacitance tolerance (J=±5%)
↑ Capacitance (*)
↑ Rated voltage (1B···1100VDC)



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 : 1100VDC
(Derating of rated voltage by 1.0%/°C at more than 85 °C)
Withstand voltage (terminal-terminal) : 1100VDC x 150% for 60s
Insulation resistance : ≥3000MΩ · μF at 500VDC, 20°C for 60s
Dissipation factor : ≤ 0.1% at 1kHz, 20°C
Category temperature range : From -40°C to +110°C
(including temperature rise on unit surface)

PACKING QUANTITY

Capacitance range (μF)	quantity (pcs.)
1.0	300
1.5~2.0	250
2.2	150
3.0~5.0	100

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
1.0	300
1.5~2.0	250
2.2	150
3.0~5.0	100

Reference

DESIGN	OU
CHECKED	Li
APPROVAL	Yanagimoto
ESTABLISHMENT	Feb.10.2025
TYPE NAME	
ECWFJ 1B***JA	
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
P016J-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