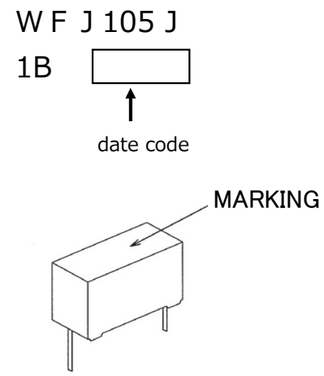
THIRD ANGLE PROJECTION

Part No.	Cap. μF	Cap. (＊)	Dimensions L	T	H	F	d	P	Q	VOLUME (mm^2)
ECWFJ 1B105J	1.0	(105)	31.5	10.5	21.0	27.5	0.8	0±1.0	2.00	6946
〃 1B155J	1.5	(155)	〃	12.0	24.5	〃	〃	〃	〃	9261
〃 1B205J	2.0	(205)	〃	〃	〃	〃	〃	〃	〃	〃
〃 1B225J	2.2	(225)	〃	13.5	28.5	〃	〃	〃	〃	12120
〃 1B305J	3.0	(305)	〃	16.0	29.5	〃	〃	〃	〃	14868
〃 1B335J	3.3	(335)	〃	〃	〃	〃	〃	〃	〃	〃
〃 1B405J	4.0	(405)	〃	17.5	32.5	〃	〃	〃	〃	17916
〃 1B475J	4.7	(475)	〃	18.5	35.0	〃	〃	〃	〃	20396
〃 1B505J	5.0	(505)	〃	〃	〃	〃	〃	〃	〃	〃

MARKING EXAMPLE



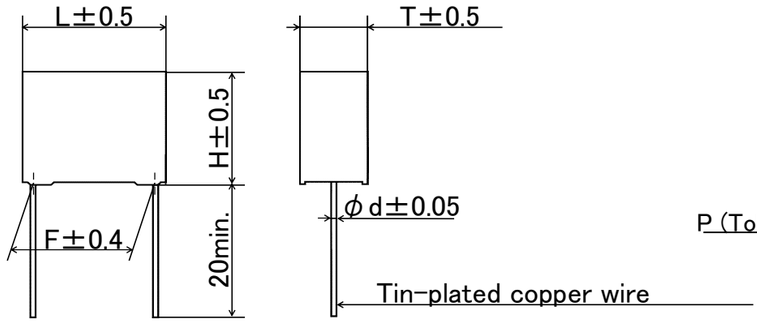
ALTERATION		
ISSUE	DESCRIPTION	DATE

SPECIFICATIONS No.

ITEM CODE NUMBER STRUCTURE

ECWFJ 1B 105 J (1100VDC, 1.0μF, ±5%)

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



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

PACKING QUANTITY

Capacitance range (μF)	quantity (pcs.)
1.0	300
1.5～2.0	200
2.2～3.3	150
4.0～5.0	100

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
1.0	300
1.5～2.0	200
2.2～3.3	150
4.0～5.0	100

Reference

DESIGN	OU
CHECKED	Li
APPROVAL	Yanagimoto
ESTABLISHMENT	Feb.10.2025
TYPE NAME	ECWFJ 1B***J
NAME	Metallized Polypropylene Film Capaciotr
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	P015J-B-E

Film Capacitor Business Unit
Device Solutions Business Division
Panasonic Industry Co., Ltd.

DO NOT SCALE DRAWING　　REVISIONS INDICATED BY △　　ALL DIMENSIONS ARE IN MILLIMETERS