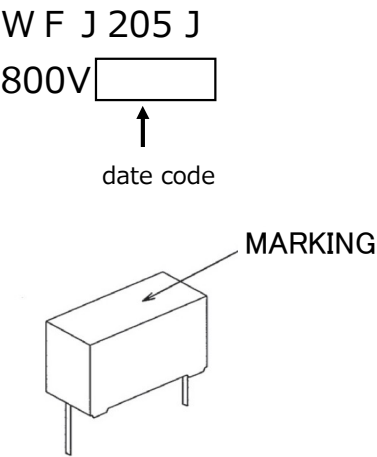


THIRD ANGLE PROJECTION

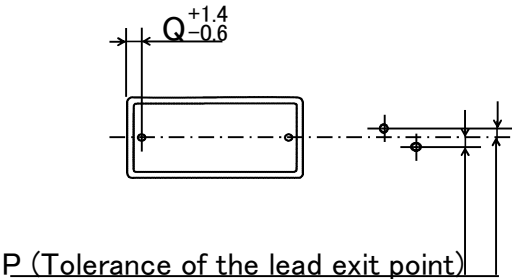
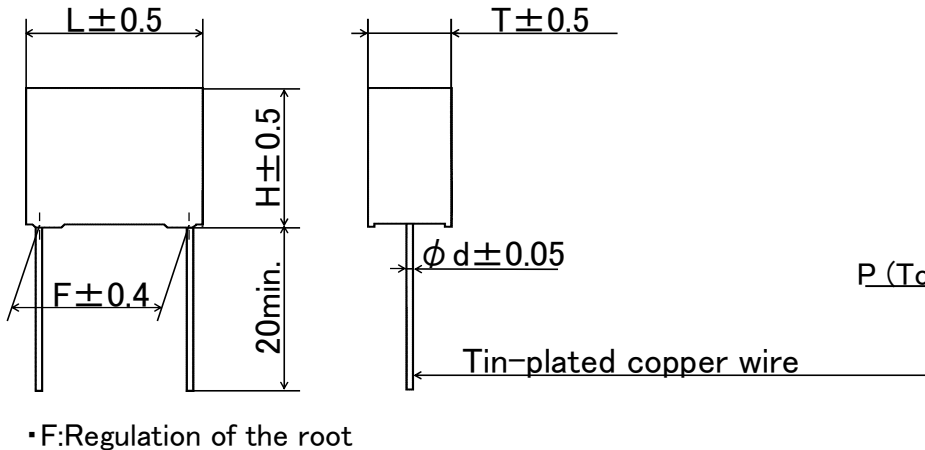
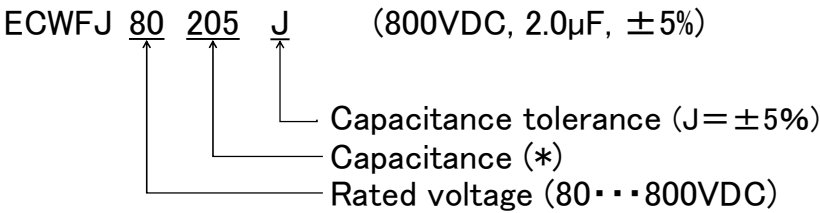
Part No.		Cap. μF (*)		Dimensions							VOLUME (mm ²)
				L	T	H	F	d	P	Q	
ECWFJ	80205J	2.0	(205)	31.5	10.5	21.0	27.5	0.8	0±1.0	2.00	6946
"	80225J	2.2	(225)	"	"	"	"	"	"	"	"
"	80275J	2.7	(275)	"	12.0	24.5	"	"	"	"	9261
"	80305J	3.0	(305)	"	"	"	"	"	"	"	"
"	80335J	3.3	(335)	"	"	"	"	"	"	"	"
"	80355J	3.5	(355)	"	13.5	28.5	"	"	"	"	12120
"	80395J	3.9	(395)	"	"	"	"	"	"	"	"
"	80405J	4.0	(405)	"	"	"	"	"	"	"	"
"	80475J	4.7	(475)	"	"	"	"	"	"	"	"
"	80505J	5.0	(505)	"	16.0	29.5	"	"	"	"	14868
"	80565J	5.6	(565)	"	"	"	"	"	"	"	"
"	80605J	6.0	(605)	"	"	"	"	"	"	"	"
"	80685J	6.8	(685)	"	17.5	32.5	"	"	"	"	17916
"	80705J	7.0	(705)	"	"	"	"	"	"	"	"
"	80755J	7.5	(755)	"	"	"	"	"	"	"	"
"	80805J	8.0	(805)	"	"	"	"	"	"	"	"

MARKING EXAMPLE



ALTERATION		
ISSUE	DESCRIPTION	DATE
SPECIFICATIONS No.		

ITEM CODE NUMBER STRUCTURE



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	: 800VDC	
	(Derating of rated voltage by 1.0%/°C at more than 85 °C)	
Withstand voltage (terminal-terminal)	: 800VDC 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.)
2.0~2.2	300
2.7~3.3	200
3.5~8.0	150

QUANTITY OF MINIMUM ORDER

Capacitance range (μF)	quantity (pcs.)
2.0~2.2	300
2.7~3.3	200
3.5~8.0	150

Reference

DESIGN	OU
CHECKED	Li
APPROVAL	Yanagimoto
ESTABLISHMENT	Dec.2.2024
TYPE NAME	
ECWFJ 80***J	
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
P011J-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