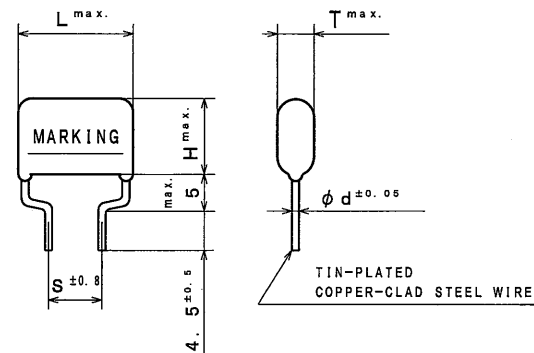


THIRD ANGLE PROJECTION

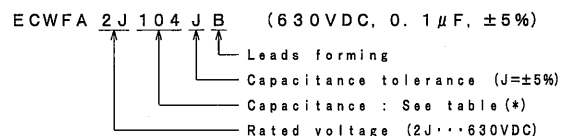
ITEM CODE	CAPACITANCE μF (*)	DIMENSIONS					VOLUME (mm ³)
		L	T	H	S	d	
ECWFA2J104JB	0.1 (104)	18.2	5.2	10.4	7.5	0.6	835
" 2J124JB	0.12 (124)	"	5.5	10.8	"	"	918
" 2J154JB	0.15 (154)	"	6.0	11.2	"	"	1039
" 2J184JB	0.18 (184)	"	6.5	11.7	"	"	1159
" 2J224JB	0.22 (224)	"	7.1	12.3	"	"	1315
" 2J274JB	0.27 (274)	"	7.8	12.9	"	"	1507
" 2J334JB	0.33 (334)	"	8.5	13.6	"	"	1732
" 2J394JB	0.39 (394)	"	9.2	14.3	"	"	1955
" 2J474JB	0.47 (474)	"	10.0	15.1	"	"	2246
" 2J564JB	0.56 (564)	"	10.9	16.0	"	"	2574
" 2J684JB	0.68 (684)	"	12.0	17.1	"	"	3001
" 2J824JB	0.82 (824)	26.0	10.1	15.3	15.0	0.8	3301
" 2J105JB	1.0 (105)	"	11.1	16.2	"	"	3835
" 2J125JB	1.2 (125)	"	12.1	17.2	"	"	4419
" 2J155JB	1.5 (155)	"	13.5	18.6	"	"	5282
" 2J185JB	1.8 (185)	"	14.8	19.8	"	"	6133
" 2J225JB	2.2 (225)	"	16.3	21.4	"	"	7254



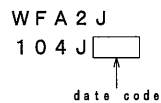
ALTERATION		
ISSUE	DESCRIPTION	DATE
①	Company name changed	Apr. 1 2012
②	Company name changed	Apr. 1 2013
③	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

ITEM CODE NUMBER STRUCTURE



MARKING EXAMPLE



PACKING QUANTITY

Capacitance range (μF)	Quantity (pcs.)
0.1	4000
0.12	3000
0.15 ~ 0.18	2400
0.22 ~ 0.27	2000
0.33	1800
0.39 ~ 0.56	1500
0.68 ~ 1.0	1000
1.2 ~ 1.5	600
1.8 ~ 2.2	500

CONSTRUCTION

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

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, type name "WFA" and manufacturer's date code.

PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : ±5% (J)
 Rated voltage : 630VDC (Derating of rated voltage by 1.0%/°C at more than 85°C)
 Withstand voltage : 630VDC×150% for 60s
 Insulation resistance : ≥9000MΩ (C≤0.33μF) at 500VDC, 20°C for 60s
 : ≥30000MΩ·μF (C>0.33μF) at 500VDC, 20°C for 60s
 Dissipation factor : ≤0.1% at 1kHz, 20°C
 Category temperature range : From -40°C to +105°C
 (including temperature rise on unit surface)

QUANTITY of MINIMUM ORDER

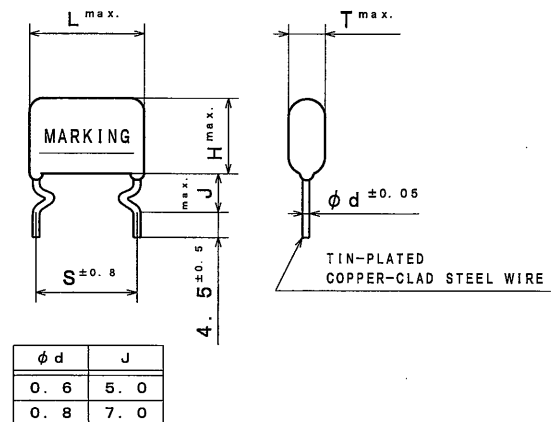
Capacitance range (μF)	Quantity (pcs.)
0.1 ~ 1.0	1000
1.2 ~ 1.5	600
1.8 ~ 2.2	500

Reference	
DESIGN	<i>An. Amakata</i>
CHECKED	<i>M. Yamamoto</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Nov. 15, 2011
TYPE NAME	
ECWFA2J***JB	
NAME Metallized Polypropylene Film Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
A009J-J-E (1/1)	

Toyama/Matsue Plant
Device Solutions Business Division
Panasonic Corporation

THIRD ANGLE PROJECTION

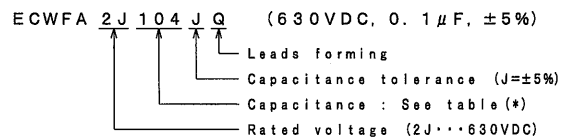
ITEM CODE	CAPACITANCE μF (*)	DIMENSIONS					VOLUME (mm ³)
		L	T	H	S	d	
ECWFA2J104JQ	0.1 (104)	18.2	5.2	10.4	15.0	0.6	835
" 2J124JQ	0.12 (124)	"	5.5	10.8	"	"	918
" 2J154JQ	0.15 (154)	"	6.0	11.2	"	"	1039
" 2J184JQ	0.18 (184)	"	6.5	11.7	"	"	1159
" 2J224JQ	0.22 (224)	"	7.1	12.3	"	"	1315
" 2J274JQ	0.27 (274)	"	7.8	12.9	"	"	1507
" 2J334JQ	0.33 (334)	"	8.5	13.6	"	"	1732
" 2J394JQ	0.39 (394)	"	9.2	14.3	"	"	1955
" 2J474JQ	0.47 (474)	"	10.0	15.1	"	"	2246
" 2J564JQ	0.56 (564)	"	10.9	16.0	"	"	2574
" 2J684JQ	0.68 (684)	"	12.0	17.1	"	"	3001
" 2J824JQ	0.82 (824)	26.0	10.1	15.3	22.5	0.8	3301
" 2J105JQ	1.0 (105)	"	11.1	16.2	"	"	3835
" 2J125JQ	1.2 (125)	"	12.1	17.2	"	"	4419
" 2J155JQ	1.5 (155)	"	13.5	18.6	"	"	5282
" 2J185JQ	1.8 (185)	"	14.8	19.8	"	"	6133
" 2J225JQ	2.2 (225)	"	16.3	21.4	"	"	7254



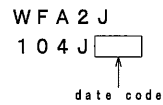
ALTERATION		
ISSUE	DESCRIPTION	DATE
△1	Company name changed	Apr. 1 2012
△2	Company name changed	Apr. 1 2013
△3	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

ITEM CODE NUMBER STRUCTURE



MARKING EXAMPLE



PACKING QUANTITY

Capacitance range (μF)	Quantity (pcs.)
0.1	4000
0.12	3000
0.15~0.18	2400
0.22~0.27	2000
0.33	1800
0.39~0.56	1500
0.68~1.0	1000
1.2~1.5	600
1.8~2.2	500

CONSTRUCTION

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

MARKING

Marking comprises capacitance, capacitance tolerance, rated voltage, type name "WFA" and manufacturer's date code.

PROPERTIES

- Capacitance : See table at 1kHz
- Capacitance tolerance : ±5% (J)
- Rated voltage : 630VDC (Derating of rated voltage by 1.0%/°C at more than 85°C)
- Withstand voltage : 630VDC×150% for 60s
- Insulation resistance : ≥9000MΩ (C≤0.33μF) at 500VDC, 20°C for 60s
: ≥3000MΩ·μF (C>0.33μF) at 500VDC, 20°C for 60s
- Dissipation factor : ≤0.1% at 1kHz, 20°C
- Category temperature range : From -40°C to +105°C (including temperature rise on unit surface)

QUANTITY of MINIMUM ORDER

Capacitance range (μF)	Quantity (pcs.)
0.1 ~ 1.0	1000
1.2 ~ 1.5	600
1.8 ~ 2.2	500

Reference

DESIGN	<i>M. Yamamoto</i>
CHECKED	<i>M. Yamamoto</i>
APPROVAL	<i>Y. Takata</i>
ESTABLISHMENT	Nov. 15, 2011
TYPE NAME ECWFA2J***JQ	
NAME Metallized Polypropylene Film Capacitor	
DRAWING NAME PRODUCT DRAWING	
DRAWING No. A010J-J-E (1/1)	

Toyama-Matsue Plant
Device Solutions Business Division
Panasonic Corporation