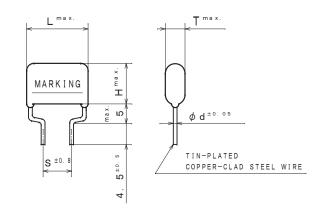
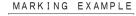
THIRD ANGLE PROJECTION

ITEM CODE	CAPACITANCE		DIMENSIONS				VOLUME	
112.00 0002	μF	(*)	L	Т	Н	S	d	(mm³)
ECWFA2J104JB	0. 1	(104)	18. 2	5. 2	10.4	7. 5	0.6	8 3 5
" 2 J 1 2 4 J B	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
" 2 J 2 2 4 J B	0. 22	(224)	"	7. 1	12. 3	"	"	1315
" 2J274JB	0. 27	(274)	"	7. 8	12. 9	"	"	1507
" 2 J 3 3 4 J B	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	"	"	2 2 4 6
" 2J564JB	0.56	(564)	"	10.9	16.0	"	"	2574
" 2J684JB	0.68	(684)	"	12.0	17. 1	"	"	3001
" 2 J 8 2 4 J B	0.82	(824)	26.0	10. 1	15. 3	15.0	0.8	3 3 0 1
" 2J105JB	1. 0	(105)	"	11. 1	16. 2	"	"	3835
" 2J125JB	1. 2	(125)	"	12. 1	17. 2	"	"	4 4 1 9
" 2J155JB	1. 5	(155)	"	13.5	18.6	"	11	5282
" 2J185JB	1. 8	(185)	"	14.8	19.8	"	"	6133
" 2J225JB	2. 2	(225)	"	16.3	21.4	11	11	7 2 5 4



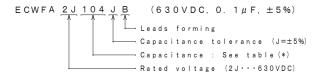
ALTERATION					
ISSUE	DESCRIPTION	DATE			
1	Company name changed	Apr. 1			
		2012			
2	Company name changed	Apr. 1			
<u> </u>		2013			
/3\	Company name changed	Apr. 1			
701		2015			
<u> </u>	Company name changed	Apr. 1			
7+7		2022			
SPECIFICATIONS No.					

ITEM CODE NUMBER STRUCTURE



WFA2J 1 0 4 J

date code



PACKING QUANTITY

Capacitance range	Quantity
(μF)	(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 : \geq 3000MΩ·μF (C>0, 33μF) at 500VDC. 20°C for 60s

: ≦0.1% at 1kHz, 20°C Dissipation factor : From −40°C to +105°C Category temperature range

(including temperature rise on unit surface)

QUANTITY of MINIMUM ORDER

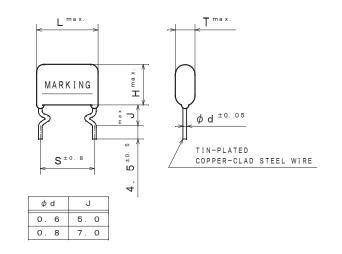
Capacitance range	Quantity
(μF)	(pcs.)
0. 1 ~ 1. 0	1000
1. 2 ~ 1. 5	600
1. 8 ~ 2. 2	500

DESTEN M. MEKADA
CHECKE H TOHED
APPROVAL T. KATO
ESTABLISHMENT Nov. 15. 2011
TYPE NAME
E CW F A 2 J * * * J B
NAME Metallized Polypropylene
Film Capacitor
DRAWING NAME
PRODUCT DRAWING
DRAWING No.
A 0 0 9 J - J - E (1/1)

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

THIRD ANGLE PROJECTION

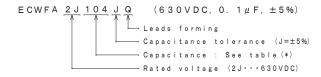
	CAPACITANCE		DIMENSIONS				VOLUME	
ITEM CODE	μF	(*)	L	Т	Н	S	d	(mm³)
ECWFA2J104JQ	0. 1	(104)	18. 2	5. 2	10.4	15. 0	0.6	8 3 5
" 2J124JQ	0. 12	(124)	"	5. 5	10.8	"	"	918
" 2J154JQ	0. 15	(154)	"	6. 0	11. 2	"	"	1039
" 2J184JQ	0.18	(184)	"	6. 5	11. 7	"	"	1159
" 2 J 2 2 4 J Q	0. 22	(224)	"	7. 1	12. 3	"	"	1315
" 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	"	"	2 2 4 6
" 2J564JQ	0.56	(564)	"	10.9	16.0	"	"	2574
" 2J684JQ	0.68	(684)	"	12.0	17. 1	"	"	3001
" 2 J 8 2 4 J Q	0.82	(824)	26.0	10. 1	15. 3	22.5	0.8	3 3 0 1
" 2J105JQ	1. 0	(105)	"	11. 1	16. 2	"	"	3835
" 2J125JQ	1. 2	(125)	"	12. 1	17. 2	"	11	4419
" 2J155JQ	1. 5	(155)	11	13.5	18.6	"	"	5282
" 2J185JQ	1. 8	(185)	"	14.8	19.8	"	"	6133
" 2J225JQ	2. 2	(225)	11	16.3	21.4	11	11	7 2 5 4



ALTERATION						
SSUE	DESCRIPTION	DATE				
<u>_1</u>	Company name changed	Apr. 1 2012				
2	Company name changed	Apr. 1 2013				
<u>3</u>	Company name changed	Apr. 1 2015				
<u> </u>	Company name changed	Apr. 1 2022				
PECIFICATIONS No.						

ITEM CODE NUMBER STRUCTURE

MARKING EXAMPLE





PACKING QUANTITY

Capacitance range	Quantity
(μF)	(pcs.)
0. 1	4000
0. 12	3000
0. 15~ 0. 18	2 4 0 0
0. 22~ 0. 27	2000
0. 33	1800
0.39~ 0.56	1500
0.68~ 1.0	1000
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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%/ $^{\circ}$ C at more than 85 $^{\circ}$ C)

Withstand voltage : 630VDC×150% for 60s

Insulation resistance : $\ge 9000 M\Omega$ (C $\le 0.33 \mu F$) at 500 VDC, $20 ^{\circ}C$ for 60 s : $\ge 3000 M\Omega \cdot \mu F$ (C>0.33 μF) at 500 VDC, $20 ^{\circ}C$ for 60 s

Dissipation factor : \leqq 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	Quantity
(μF)	(pcs.)
0. 1 ~ 1. 0	1000
1. 2 ~ 1. 5	600
1. 8 ~ 2. 2	500

DES I GN	MEKADA
CHECKE H	TOTHIDA
APPROVAL	T. KATO
ESTABLISHMENT	Nov. 15. 2011
TYPE NAME	
E CW F A 2 J *	* * J Q
NAME Metallized P	olypropylene
Film Capacit	o r
DRAWING NAME	
PRODUCT I	DRAWING
DRAWING No.	
A 0 1 0 J - J - I	E (1/1)

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