THIRD ANGLE PROJECTION

ITEM CODE	CAPACITANCE μF	(*)	DIMENSIONS L	T	H	F	d	P	Q	VOLUME (mm³)	Note
ECWFG80205JA	2.0	(205)	31.5	10.5	21.0	27.5	0.8	0±1.0	2.0	6946	*
〃 80225JA	2.2	(225)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80275JA	2.7	(275)	〃	12.0	24.5	〃	〃	〃	〃	9261	*
〃 80305JA	3.0	(305)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80335JA	3.3	(335)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80355JA	3.5	(355)	〃	13.5	28.5	〃	〃	〃	〃	12120	*
〃 80395JA	3.9	(395)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80405JA	4.0	(405)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80475JA	4.7	(475)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80505JA	5.0	(505)	〃	16.0	29.5	〃	〃	〃	〃	14868	*
〃 80565JA	5.6	(565)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80605JA	6.0	(605)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80685JA	6.8	(685)	〃	17.5	32.5	〃	〃	〃	〃	17916	*
〃 80705JA	7.0	(705)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80755JA	7.5	(755)	〃	〃	〃	〃	〃	〃	〃	〃	*
〃 80805JA	8.0	(805)	〃	〃	〃	〃	〃	〃	〃	〃	*

PACKING QUANTITY

Capacitance range (μF)	Quantity (pcs.)
2.0~ 2.2	300
2.7~ 3.3	250
3.5~ 4.7	150
5.0~ 8.0	100

QUANTITY of MINIMUM ORDER

Capacitance range (μF)	Quantity (pcs.)
2.0~ 2.2	300
2.7~ 3.3	250
3.5~ 4.7	150
5.0~ 8.0	100

ALTERATION		
ISSUE	DESCRIPTION	DATE
SPECIFICATIONS No.		

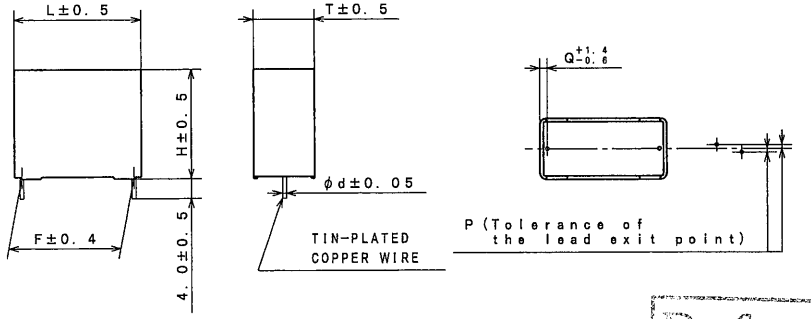
Note

*The specimen (the volume is more than 1750mm³) shall be satisfied with IEC60384-1 Inflammability Category B based on IEC60065, 1998~

ITEM CODE NUMBER STRUCTURE

ECWFG 80 205 J A (800VDC, 2.0μF, ±5%)

- A: Short Leads
- J: Capacitance tolerance (J=±5%)
- 205: Capacitance : See table(*)
- 80: Rated voltage (80‥800VDC)



·F: regulation of the root

CONSTRUCTION

The capacitor is of non-inductive construction, wound 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.

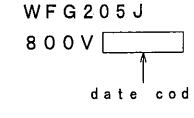
MARKING

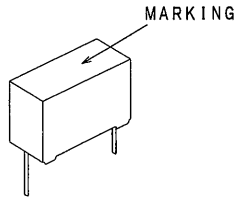
Marking comprises capacitance, capacitance tolerance, rated voltage and date code.

PROPERTIES

*Capacitance	: See table at 1kHz.
*Capacitance tolerance	: ±5%(J) at 1kHz.
*Rated voltage	: 800VDC (Derating of rated voltage by 1.0%/℃ at more than 85℃)
*Withstand voltage(terminal-terminal)	: 800VDC×150% for 60s
*Insulation resistance	: ≧3000MΩ·μF at 500VDC, 20℃ for 60s
*Dissipation factor	: ≦0.1% at 1kHz, 20℃
*Category temperature range (including temperature rise on unit surface)	: From −40℃ to +110℃

MARKING EXAMPLE





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

Reference

DESIGN	K.Osaki
CHECKED	K.Osaki
APPROVAL	K.Fukumitsu
ESTABLISHMENT	Nov. 7. 2019
TYPE NAME	ECWFG 80***JA
NAME	Metallized Polypropylene Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	J020J-J-E (1/1)

Toyama·Matsue Plant
Device Solutions Business Division
Panasonic Corporation