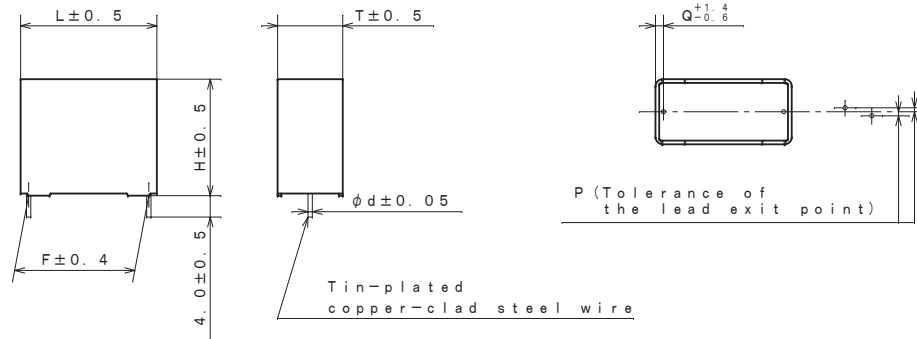


Type designation	Part No.	Cap.		Dimensions							Marking Style
		(μ F)	(*)	L	T	H	F	d	P	Q	
ECQUB	ECQUBAF102 () A	0.001	(102)	15.3	5.0	11.5	12.5	0.6	0 \pm 0.8	1.4	1
"	" AF122 () A	0.0012	(122)	"	"	"	"	"	"	"	"
"	" AF152 () A	0.0015	(152)	"	"	"	"	"	"	"	"
"	" AF182 () A	0.0018	(182)	"	"	"	"	"	"	"	"
"	" AF222 () A	0.0022	(222)	"	"	"	"	"	"	"	"
"	" AF272 () A	0.0027	(272)	"	"	"	"	"	"	"	"
"	" AF332 () A	0.0033	(332)	"	"	"	"	"	"	"	"
"	" AF392 () A	0.0039	(392)	"	"	"	"	"	"	"	"
"	" AF472 () A	0.0047	(472)	"	"	"	"	"	"	"	"
"	" AF562 () A	0.0056	(562)	"	"	"	"	"	"	"	"
"	" AF682 () A	0.0068	(682)	"	"	"	"	"	"	"	"
"	" AF103 () A	0.01	(103)	18.5	"	9.5	15.0	"	"	1.8	2
"	" AF153 () A	0.015	(153)	"	6.0	10.5	"	"	"	"	"
"	" AF223 () A	0.022	(223)	"	"	"	"	"	"	"	"
"	" AF333 () A	0.033	(333)	"	"	"	"	"	"	"	"
"	" AF473 () A	0.047	(473)	"	7.0	11.5	"	"	"	"	"
"	" AF683 () A	0.068	(683)	"	8.0	12.5	"	"	"	"	"
"	" AF104 () A	0.1	(104)	"	"	16.5	"	"	"	"	"
"	" AF154 () A	0.15	(154)	"	9.0	18.0	"	0.8	"	"	"
"	" AF224 () A	0.22	(224)	"	11.0	20.0	"	"	"	"	"
"	" AF334 () A	0.33	(334)	26.0	12.0	19.0	22.5	"	"	"	"
"	" AF474 () A	0.47	(474)	"	14.0	21.0	"	"	"	"	"
"	" AF684 () A	0.68	(684)	"	16.0	23.0	"	"	"	"	"
"	" AF105 () A	1.0	(105)	"	19.0	26.0	"	"	"	"	"

↑ Tol. symbol (K or M)



·F: Regulation of the root

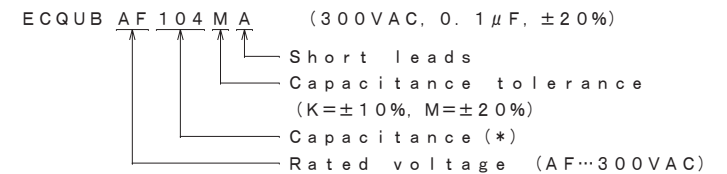
PACKING QUANTITY

Capacitance range (μ F)	Quantity (pcs.)
0.001~0.0068	2000
0.01~0.047	1500
0.068	1200
0.1~0.15	1000
0.22	500
0.33	300
0.47~1.0	200

QUANTITY of MINIMUM ORDER

Capacitance range (μ F)	Quantity (pcs.)
0.001~0.15	1000
0.22	500
0.33	300
0.47~1.0	200

ITEM CODE NUMBER STRUCTURE



ALTERATION

ISSUE	DESCRIPTION	DATE
△	Company name changed	Apr. 1 2022

SPECIFICATIONS No.

DESIGN	M. MEKADA
CHECKED	M. OKADA
APPROVAL	T. KATO

ESTABLISHMENT Oct. 17, 2019

TYPE NAME

ECQUBAF*** () A

NAME Safety Standard approval

Metallized Capacitor

DRAWING NAME

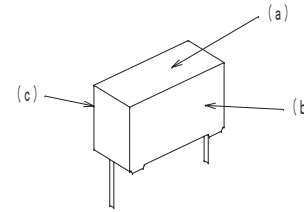
PRODUCT DRAWING

DRAWING No.

J019B-J-E (1/2)

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

STYLE	(a) SIDE	(b) SIDE
1	(M) ECQUB102 K	<p>15 300V~ X1/Y2 date code</p>
2	(M) ECQUB103 K	<p>15 300V~X1 date code</p>



Note When applying for the agency, designate the capacitor in the following form, "ECQUB, 0.1μF"
The part number need not be specified.

North America UL60384-14
CAN/CSA-E60384-14
Europe IEC60384-14
EN60384-14

CLASS Y2/X1 (0.001~0.0068μF)
CLASS X1 (0.01~1.0μF)

(Note) Only ±10% as capacitance tolerance to be marked as "K"

CONSTRUCTION

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

MARKING

Marking comprises capacitance, capacitance tolerance (K only), rated voltage, type designation, capacitor classification, manufacturer's trademark, recognition mark and date code.

PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : ±10% (K), ±20% (M) at 1kHz
 Rated voltage : 300VAC
 Withstand voltage (terminal-terminal) : 1600VAC or 2121VDC (C≤0.0068μF)
 (terminal-enclosure) : 690VAC or 1768VDC (C≥0.01μF) } for 60s
 Insulation resistance : ≥15000MΩ (C≤0.33μF)
 : ≥5000MΩ·μF (C>0.33μF) } at 100VDC for 60s, 20°C
 : ≥2000MΩ (C≤0.47μF) at 500VDC for 60s, 20°C
 Dissipation factor : ≤0.1% at 1kHz, 20°C
 Category temperature range : From -40°C to +110°C

REFERENCE

TYPE NAME	ECQUBAF*** () A
DRAWING No.	J019B-J-E (2/2)

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