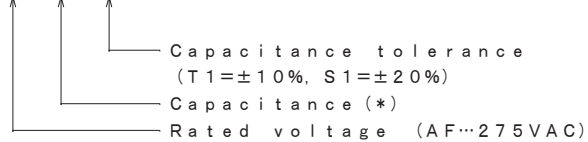


Type designation	Part No.	Cap.		Dimensions						
		(μ F)	(*)	L	T	H	F	d	P	Q
ECQUA	ECQUAAF104**	0.1	(104)	17.5	5.0	12.0	15.0	0.6	0 \pm 0.8	1.3
"	" AF154**	0.15	(154)	"	6.0	13.0	"	"	"	"
"	" AF224**	0.22	(224)	"	7.5	14.0	"	"	"	"
"	" AF334**	0.33	(334)	"	9.0	16.0	"	"	"	"
"	" AF474**	0.47	(474)	26.0	8.5	15.0	22.5	0.8	"	1.8
"	" AF684**	0.68	(684)	"	10.0	17.0	"	"	"	"
"	" AF105**	1.0	(105)	"	12.0	19.0	"	"	"	"
"	" AF155**	1.5	(155)	31.0	12.0	22.0	27.5	"	"	"
"	" AF225**	2.2	(225)	"	14.5	24.5	"	"	"	"
"	" AF335**	3.3	(335)	"	19.0	29.0	"	"	"	"
"	" AF475**	4.7	(475)	"	23.0	33.0	"	"	"	"

T1=±10% (K)
S1=±20% (M)

ITEM CODE NUMBER STRUCTURE

ECQUA AF 104 S1 (275VAC, 0.1 μ F, ±20%)



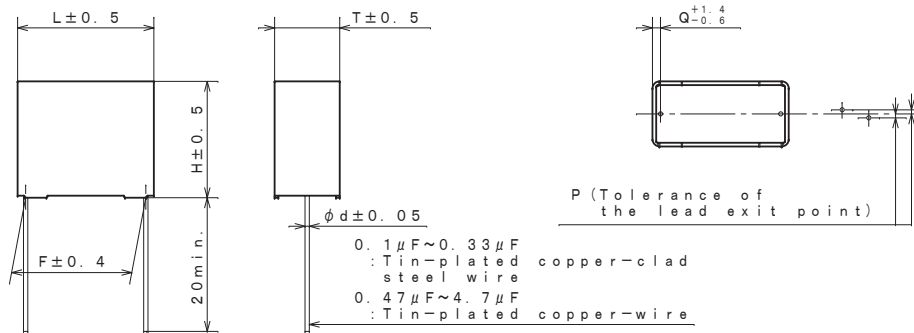
PACKING QUANTITY

Capacitance range (μ F)	Quantity (pcs.)
0.1 ~ 0.15	1500
0.22	1200
0.33	1000
0.47	600
0.68	500
1.0	300
1.5, 2.2	200
3.3	150
4.7	100

For Automotive

QUANTITY of MINIMUM ORDER

Capacitance range (μ F)	Quantity (pcs.)
0.1 ~ 0.33	1000
0.47	600
0.68	500
1.0	300
1.5, 2.2	200
3.3	150
4.7	100



·F: Regulation of the root

DO NOT SCALE DRAWING



REVISIONS INDICATED BY Δ

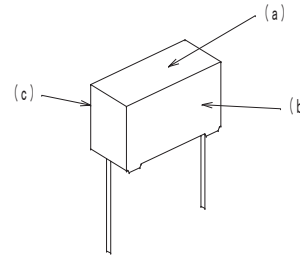
ALL DIMENSIONS ARE IN MILLIMETERS

ALTERATION		
ISSUE	DESCRIPTION	DATE
Δ	Company name changed	Apr. 1 2022
SPECIFICATIONS No.		

DESIGN	M. MEKADA
CHECKED	T. KATO
APPROVAL	T. KATO
ESTABLISHMENT	Jun. 5. 2018
TYPE NAME	
ECQUAAF***T1	
ECQUAAF***S1	
NAME Safety Standard approval	
Metallized Capacitor	
DRAWING NAME	
PRODUCT DRAWING	
DRAWING No.	
H002B-J-E (1/2)	

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

(a) SIDE	(b) or (c) SIDE
	



(Note) Only $\pm 10\%$ as capacitance tolerance to be marked as "K"

Note When applying for the agency, designate the capacitor in the following form, "ECQUA, 0.33 μ F"
The part number need not be specified.

North America UL60384-14
CAN/CSA-E60384-14

Europe IEC60384-14
EN60384-14

CLASS X2

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	: $\pm 10\%$ (K), $\pm 20\%$ (M)	at 1kHz
Rated voltage	: 275VAC	
Withstand voltage (terminal-terminal)	: 633VAC or 1183VDC	} for 60s
(terminal-enclosure)	: 2050VAC	
Insulation resistance	: $\geq 15000\Omega$ ($C \leq 0.33\mu F$)	} at 100VDC for 60s, 20°C
	: $\geq 5000\Omega \cdot \mu F$ ($C > 0.33\mu F$)	
	: $\geq 2000\Omega$ ($C \leq 0.47\mu F$)	
Dissipation factor	: $\leq 0.1\%$ ($C \leq 1.0\mu F$)	} at 1kHz, 20°C
	: $\leq 0.2\%$ ($C > 1.0\mu F$)	
Category temperature range	: From -40°C to +110°C	

REFERENCE

TYPE NAME	ECQUAAF***T1 ECQUAAF***S1
DRAWING No.	H002B-J-E (2/2)

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