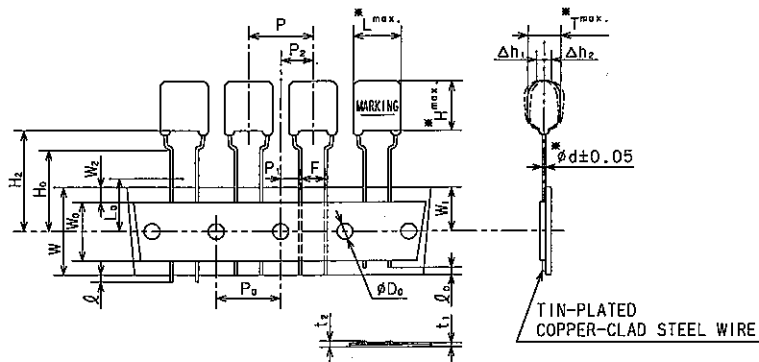


THIRD ANGLE PROJECTION

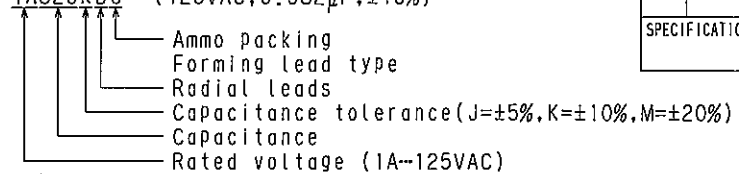
ITEM CODE	RATED VOLTAGE	CAP. (μF)	DIMENSIONS			
			*L	*T	*H	*d
ECQE1A823()B6	125VAC	0.082	10.3	4.6	7.6	0.5
// 1A104()B6	//	0.1	//	5.1	7.7	//
// 1A124()B6	//	0.12	//	5.3	8.4	//
// 1A154()B6	//	0.15	//	5.7	8.9	//
// 1A184()B6	//	0.18	//	5.6	10.3	//
// 1A224()B6	//	0.22	//	6.1	11.0	//

TOL. SYMBOL (J,K or M)



ITEM CODE NUMBER STRUCTURE

ECQE 1A823KB6 (125VAC, 0.082μF, ±10%)



ALTERATION		
ISSUE	DESCRIPTION	DATE
△	Company name changed	Oct. 1 2004
△	Company name changed	Apr. 1 2005

SPECIFICATIONS No.

SYMBOL	ITEM	DIMENSION	REMARKS
P	Pitch of component	12.7±1.0	Tilt of component and curvature of leads shall be included.
P ₀	Feed hole pitch	12.7±0.2	
P ₁	Feed hole center to lead	3.85±0.5	
P ₂	Hole center to comp. center	6.35±1.3	Tilt of component due to curvature of leads shall be included.
F	Lead-to-lead distance	5.0±0.3	
Δh _{1,2}	Component alignment	0~2.0	Tilt of component due to curvature of leads shall be included.
W	Paper backing width	18.0±0.5	
W ₀	Adhesive tape width	9.5min.	The hold down tape shall not protrude beyond the carrier tape.
W ₁	Hole position	9.0±0.5	
W ₂	Hold-down tape position	0~3.0	
H ₂	Component height	22.0±0.75	
H ₀	Lead-wire clinch height	16.0±0.5	
t	Lead-wire protrusion	0max.	
t ₀	Lead-wire depression	7.0max.	
ØD ₀	Feed hole diameter	4.0±0.2	
t ₁	Total tape thickness	0.7±0.2	Total thickness including the hold down tape.
t ₂	Total thickness	1.5max.	
L ₀	Length of snipped lead	11.0max.	

CONSTRUCTION

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

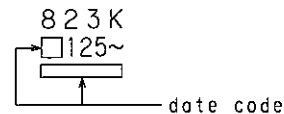
MARKING

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

PROPERTIES

Capacitance : See table at 1kHz
 Capacitance tolerance : ±5%(J), ±10%(K), ±20%(M) at 1kHz
 Rated voltage : 125VAC
 Withstand voltage (terminal-terminal) : 125VAC×230% for 60s
 (terminal-enclosure) : 1500VAC for 60s
 Insulation resistance : ≥2000MΩ at 500VDC, 20°C for 60s
 Dissipation factor : ≤1.0% at 1kHz, 20°C
 Category temperature range : From -40°C to +85°C (including temperature rise on unit surface)

MARKING EXAMPLE



Reference

DESIGN	S. Yoshizawa
CHECKED	M. Nishikori
APPROVAL	M. Nagasaka
ESTABLISHMENT	Sep. 12, 2001
TYPE NAME	ECQE1A***()B6
NAME	Metallized Polyester Film Capacitor
DRAWING NAME	PRODUCT DRAWING
DRAWING No.	1093M-J-E (1/2)

Panasonic

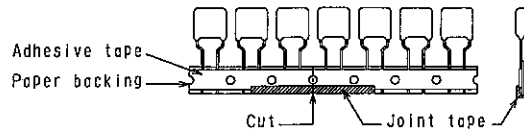
Electronic Circuit Capacitor Business Unit,
Panasonic Electronic Devices Co., Ltd.

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

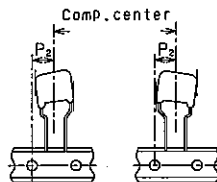
ALL DIMENSIONS ARE IN MILLIMETERS

- Note 1. No more than 3 consecutive missing is permitted.
 Note 2. A tape conjection and a tape discrepancy specify as follows.



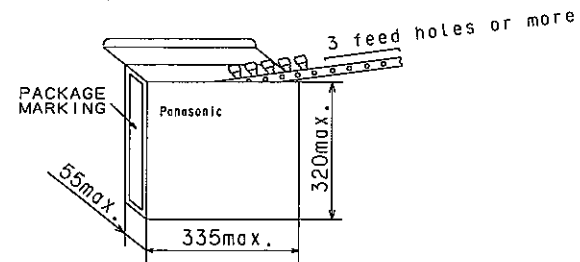
A tape sliding shall not exceed in an allowance of "P₀" dimension.
 A joint tape put on the back side of paper backing, and turn up the lower part to the front.

- Note 3. Marking on components may not be the same side.
 Note 4. The tape adhesion is more than 3.92N(400gf)/25mm.
 Note 5. A tape trailer having at least 3 feed holes is required at the end of the tape.
 Note 6. 1)The P₁ and P₂ dimension shall be measured as shown in the figure after the adhes tape placing upward, (measuring from the center of sprocket hold to the right.)
 2)The P₂ dimension shall be measured between center of a vertical shadow plane for tape plan and center of sprocket hole.



Packing specification

1. Case size
Ammo pack



2. Packing quantity

Capacitance range	Packing quantity
0.082~0.18 μ F	1500
0.22 μ F	1000

3. Handling notes

- 1)One package must be packed one product only.
- 2)The storage must be stocked 5 boxes or less (surface printed placing upward). (For prevention from displacement of capacitors and damage of lead clipping.)
- 3)The packing box must be handled with care and never thrown out.

Reference

TYPE NAME	ECQE1A***()B6
DRAWING No.	1093M-J-E (2/2)

Panasonic Electronic Circuit Capacitor Business Unit,
 Panasonic Electronic Devices Co.,Ltd.