

THIRD ANGLE PROJECTION

ITEM CODE	CAPACITANCE μF (*)	DIMENSIONS						TYPE
		L	W	H	e ₁ , e ₂	g		
ECWU 1102JX5	0.001 (102)	3.2±0.2	1.6±0.2	1.1±0.2	0.65±0.3	1.0min.	H ₂	
" 1122JX5	0.0012 (122)	"	"	"	"	"	"	
" 1152JX5	0.0015 (152)	"	"	"	"	"	"	
" 1182JX5	0.0018 (182)	"	"	"	"	"	"	
" 1222JX5	0.0022 (222)	"	"	"	"	"	"	
" 1272JX5	0.0027 (272)	"	"	"	"	"	"	
" 1332JX5	0.0033 (332)	"	"	1.5±0.2	"	"	H ₃	
" 1392JX5	0.0039 (392)	"	"	"	"	"	"	
" 1472JX5	0.0047 (472)	"	"	"	"	"	"	
" 1562JX5	0.0056 (562)	"	2.5±0.2	"	"	"	G ₂	
" 1682JX5	0.0068 (682)	"	"	"	"	"	"	
" 1822JX5	0.0082 (822)	"	"	2.1±0.2	"	"	G ₃	
" 1103JX5	0.01 (103)	"	"	"	"	"	"	

ITEM CODE NUMBER STRUCTURE

ECWU 1102JX5 (DC100V, 0.001μF, ±5%)

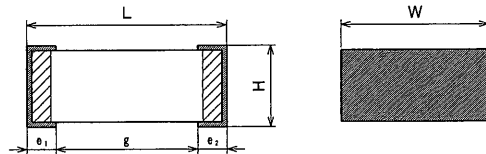
↑ Taping code (5: φ180mm)

↑ Suffix

↑ Capacitance tolerance

↑ Capacitance: See table (*)

↑ Rated voltage (1=DC100V)



CONSTRUCTION

The capacitor is non-inductive construction, stacked with metallized plastic film dielectric, and has two outer electrodes.

PROPERTIES

Capacitance : See table at 1kHz

Capacitance tolerance : ±5% (J)

Rated voltage : DC100V

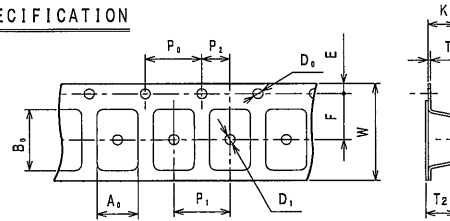
Withstand voltage : ⚠ Rated voltage × 150% for 60s

Insulation resistance : ≥3,000MΩ at 20°C, DC100V for 60s

Dissipation factor : ≤1.0% at 1kHz, 20°C

Category temperature range : from -55°C to +105°C (including temperature rise on unit surface)

TAPING SPECIFICATION



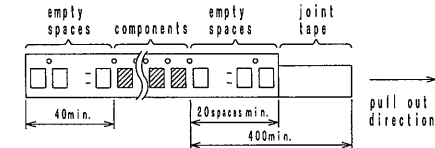
TYPE	A ₀	B ₀	T	T ₂	K
H ₂	1.9±0.1	3.5±0.1	0.25±0.05	1.5±0.2	1.4±0.1
H ₃	"	"	"	1.9±0.2	1.8±0.1
G ₂	2.8±0.1	"	"	"	"
G ₃	"	"	"	2.5±0.2	2.4±0.1

SYMBOL	DIMENSIONS
W	8.0 ±0.3
F	3.5 ±0.05
E	1.75±0.1
P ₁	4.0 ±0.1
P ₂	2.0 ±0.05
P ₀	4.0 ±0.1
φD ₀	1.5 ^{+0.1} _{-0.1}
φD ₁	1.0 ^{+0.1} _{-0.1}

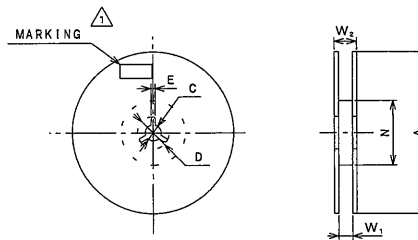
PACKING QUANTITY

TYPE	REEL (pcs.)
H ₂	3,000
H ₃ , G ₂ , G ₃	2,000

EMPTY SPACE AND JOINT TAPE



PACKING SPECIFICATION



SYMBOL	DIMENSIONS
A	180.0 ^{-0.5} _{-0.5}
C	13.0 ±0.2
D	21.0 ±0.8
E	2.0 ±0.5
N	60.0 ^{+0.5} _{-0.5}
W ₁	9.0 ^{+0.5} _{-0.5}
W ₂	11.4 ±1.0

ALTERATION

ISSUE	DESCRIPTION	DATE
①	Modification: (Reusable reel)	Jan. 5 2000
②	Modification: (W ₁ =9.0 ^{+0.5} _{-0.5})	Jan. 12 2001
③	Company name changed	Oct. 1 2004
④	Company name changed	Apr. 1 2005
⑤	Company name changed	Apr. 1 2006
⑥	Modification: (withstand voltage) Company name changed	Apr. 1 2008
⑦	Company name changed	Apr. 1 2012
⑧	Company name changed	Apr. 1 2013
⑨	Company name changed	Apr. 1 2015

SPECIFICATIONS No.

DESIGN *M. Takata*

CHECKED *M. Yanagimoto*
M. Yanagimoto

APPROVAL *Y. Takata*
Y. Takata

ESTABLISHMENT Dec. 28, 1999

TYPE NAME ECWU 1***JX5

NAME
FILM CHIP CAPACITOR
ECWU (X)

DRAWING NAME
PRODUCT DRAWING

DRAWING No.
CW-H-A12H (1/1)

Toyama-Matsue Plant
Device Solutions Business Division
Panasonic Corporation