

## HW Series

- Conform RoHS

### Features

- Best fit for applications requiring fast energy discharge like aesthetic equipment, medical laser, portable X-ray generator, and photo flash.

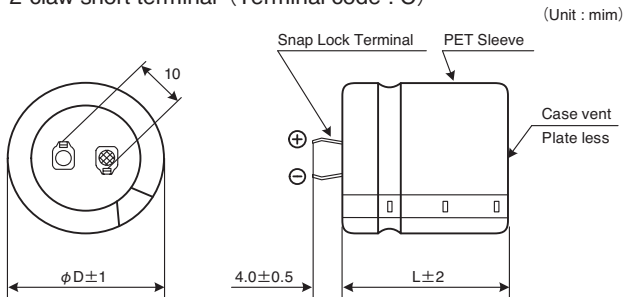


### Product Specifications

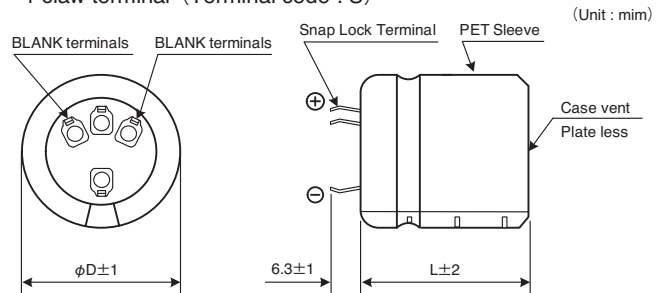
Items	Specifications			
Temperature range	-20°C ~ +55°C			
Rated voltage	330WV.DC	360WV.DC	400WV.DC	450WV.DC
Withstanding voltage	350SV.DC	380SV.DC	420SV.DC	470SV.DC
Capacitance tolerance	-10°C ~ +20% (20°C, 120Hz)			
Leakage current	$C \leq 3,000 : 0.02CV (\mu A)$ or $3mA$ , whichever is smaller or less (20°C, after 5 minutes) $C > 3,000 : 1 \times C (\mu A)$ (20°C, after 5 minutes) [C = nominal capacitance ( $\mu F$ ), V = rated voltage (V)]			
Dissipation factor	Less than the value specified in the standard products table. (20°C, 120Hz)			
Endurance of charge-discharge behavior	A resistance of about 1 ohm is connected in series with the capacitor under normal ambient temperature. Then the capacitor is charged / discharged at rated voltage for 5,000 times at intervals of 15 seconds. A lapse of 8 hours after the test, the capacitor shall satisfy the following characteristics. Capacitance change : Within $\pm 15\%$ of the initial value measured Dissipation factor : Not more than 150% of initial value specified Leakage current : Not more than 150% of initial value specified			
Others	EIAJ-RC2365, JIS C 5101-4			

### Dimensions

2-claw short terminal (Terminal code : C)



4-claw terminal (Terminal code : S)



### Product code

(Example) HW Series 330V 1,700 $\mu$ F (-10%~+20%)

**330 HW 1700 S C A S7 WP EC**

Rated voltage	Environmental code
Case height code	Plate code
Case dia code	Case height code
Terminal code	Case dia code
Capacitance tolerance code	Terminal code
Rated Capacitance	Capacitance tolerance code
Type of series	Rated Capacitance

Refer to page 118-119 for other terminal shape available on request.

# SNAP MOUNT TYPE ALUMINUM ELECTROLYTIC CAPACITORS

**HW Series**

Standard Products Table

Rated Voltage (WV, DC)	Capacitance (μF)	Case size φ D × L (mm)	tanδ 20°C, 120Hz	Product name
330	700	30 × 30	0.15	330HW700SCZS3WPEC
	870	30 × 35	0.15	330HW870SCZS4WPEC
	920	35 × 30	0.15	330HW920SCAS3WPEC
	1,000	30 × 40	0.15	330HW1000SCZS5WPEC
		35 × 35	0.15	330HW1000SCAS4WPEC
	1,100	30 × 45	0.15	330HW1100SCZS6WPEC
	1,200	30 × 50	0.15	330HW1200SCZS7WPEC
		35 × 40	0.15	330HW1200SCAS5WPEC
	1,300	30 × 55	0.15	330HW1300SCZS8WPEC
	1,400	30 × 60	0.15	330HW1400SCZS9WPEC
	1,500	35 × 45	0.15	330HW1500SCAS6WPEC
	1,700	35 × 50	0.15	330HW1700SCAS7WPEC
	1,900	35 × 55	0.15	330HW1900SCAS8WPEC
	2,000	35 × 60	0.15	330HW2000SCAS9WPEC
	2,700	35 × 100	0.15	330HW2700SSAS17WPEC
	2,800	40 × 76	0.15	330HW2800SSBS12WPEC
3,800	40 × 101	0.15	330HW3800SSBS17WPEC	
360	500	30 × 30	0.15	360HW500SCZS3WPEC
	610	30 × 35	0.15	360HW610SCZS4WPEC
	650	35 × 30	0.15	360HW650SCAS3WPEC
	730	30 × 40	0.15	360HW730SCZS5WPEC
	810	35 × 35	0.15	360HW810SCAS4WPEC
	850	30 × 45	0.15	360HW850SCZS6WPEC
	950	30 × 50	0.15	360HW950SCZS7WPEC
	970	35 × 40	0.15	360HW970SCAS5WPEC
	1,000	30 × 55	0.15	360HW1000SCZS8WPEC
	1,100	30 × 60	0.15	360HW1100SCZS9WPEC
		35 × 45	0.15	360HW1100SCAS6WPEC
	1,300	35 × 50	0.15	360HW1300SCAS7WPEC
	1,400	35 × 55	0.15	360HW1400SCAS8WPEC
	1,500	35 × 60	0.15	360HW1500SCAS9WPEC
	2,300	35 × 100	0.15	360HW2300SSAS17WPEC
	2,400	40 × 76	0.15	360HW2400SSBS12WPEC
3,200	40 × 101	0.15	360HW3200SSBS17WPEC	

Rated Voltage (WV, DC)	Capacitance (μF)	Case size φ D × L (mm)	tanδ 20°C, 120Hz	Product name
400	370	30 × 30	0.15	400HW370SCZS3WPEC
	460	30 × 35	0.15	400HW460SCZS4WPEC
	490	35 × 30	0.15	400HW490SCAS3WPEC
	550	30 × 40	0.15	400HW550SCZS5WPEC
	610	35 × 35	0.15	400HW610SCAS4WPEC
	640	30 × 45	0.15	400HW640SCZS6WPEC
	730	30 × 50	0.15	400HW730SCZS7WPEC
	740	35 × 40	0.15	400HW740SCAS5WPEC
	820	30 × 55	0.15	400HW820SCZS8WPEC
	860	35 × 45	0.15	400HW860SCAS6WPEC
	870	30 × 60	0.15	400HW870SCZS9WPEC
	980	35 × 50	0.15	400HW980SCAS7WPEC
	1,100	35 × 55	0.15	400HW1100SCAS8WPEC
	1,200	35 × 60	0.15	400HW1200SCAS9WPEC
	1,700	35 × 100	0.15	400HW1700SSAS17WPEC
	1,800	40 × 76	0.15	400HW1800SSBS12WPEC
2,400	40 × 101	0.15	400HW2400SSBS17WPEC	
450	320	30 × 30	0.35	450HW320SCZS3WPEC
	400	30 × 35	0.35	450HW400SCZS4WPEC
	420	35 × 30	0.35	450HW420SCAS3WPEC
	480	30 × 40	0.35	450HW480SCZS5WPEC
	530	35 × 35	0.35	450HW530SCAS4WPEC
	560	30 × 45	0.35	450HW560SCZS6WPEC
	640	30 × 50	0.35	450HW640SCZS7WPEC
	640	35 × 40	0.35	450HW640SCAS5WPEC
	720	30 × 55	0.35	450HW720SCZS8WPEC
	750	35 × 45	0.35	450HW750SCAS6WPEC
	760	30 × 60	0.35	450HW760SCZS9WPEC
	850	35 × 50	0.35	450HW850SCAS7WPEC
	960	35 × 55	0.35	450HW960SCAS8WPEC
	1,000	35 × 60	0.35	450HW1000SCAS9WPEC
	1,500	35 × 100	0.35	450HW1500SSAS17WPEC
		40 × 76	0.35	450HW1500SSBS12WPEC
2,100	40 × 101	0.35	450HW2100SSBS17WPEC	

ALUMINUM ELECTROLYTIC CAPACITORS