

## 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.



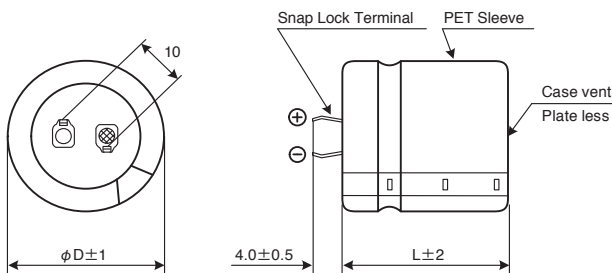
### Product Specifications

Items	Specifications		
Temperature range	-20°C ~ +55°C		
Rated voltage	330WV.DC	360WV.DC	400WV.DC
Withstanding voltage	350SV.DC	380SV.DC	420SV.DC
Capacitance tolerance	-10°C ~ +20% (20°C, 120Hz)		
Leakage current	Less than or equal to 1×C (µA) or 3mA, whichever is higher (20°C, after 5 minutes) [C = nominal capacitance (µF)]		
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 ±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

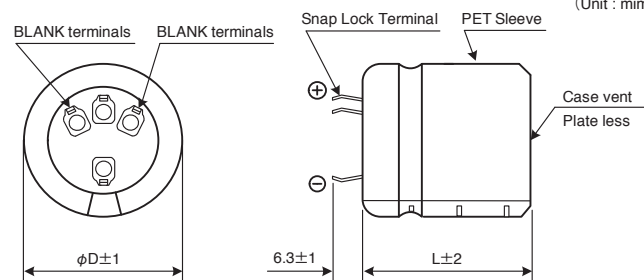
2-claw short terminal (Terminal code : C)

(Unit : mm)



4-claw terminal (Terminal code : S)

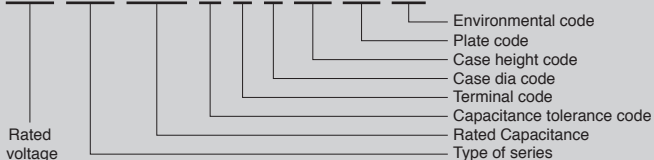
(Unit : mm)



### Product code

(Example) HW Series 330V 1,700µF (-10%~+20%)

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



Refer to page 124-125 for other terminal shape available on request.

Standard Products Table

Rated Voltage (V. 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 (V. 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

ALUMINUM ELECTROLYTIC CAPACITORS