

HS Series

- Conform RoHS

Features

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

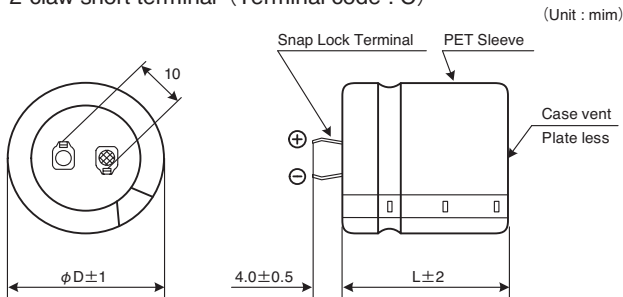


Product Specifications

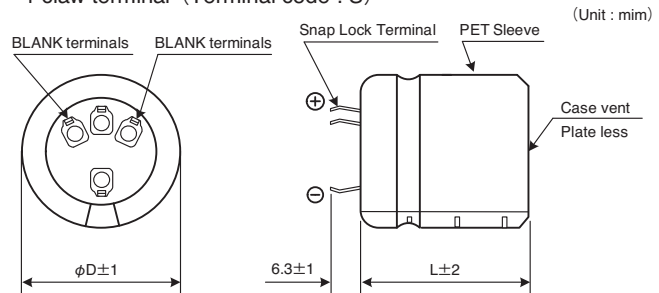
Items	Specifications			
Temperature range	-20°C ~ +55°C			
Rated voltage	330WV.DC	360WV.DC	400WV.DC	450WV.DC
Withstanding voltage	350SV.DC	380SV.DC	420SV.DC	470SV.DC
Capacitance tolerance	-10°C ~ +20% (20°C, 120Hz)			
Leakage current	C ≤ 3,000 : 0.02CV (µA) or 3mA, whichever is smaller or less (20°C, after 5 minutes) C > 3,000 : 1×C (µA) (20°C, after 5 minutes) [C = nominal capacitance (µF), 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 ±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) HS Series 450V 810µF (-10%~+20%)

450 HS 810 S C A S7 WP EC

- 450: Rated voltage
- HS: Type of series
- 810: Rated Capacitance
- S: Capacitance tolerance code
- C: Terminal code
- A: Case dia code
- S7: Case height code
- WP: Plate code
- EC: Environmental code

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

Standard Products Table

Rated Voltage (WV, DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20°C, 120Hz	Product name
330	490	30×30	0.15	330HS490SCZS3WPEC
	610	30×35	0.15	330HS610SCZS4WPEC
	660	35×30	0.15	330HS660SCAS3WPEC
	730	30×40	0.15	330HS730SCZS5WPEC
	820	35×35	0.15	330HS820SCAS4WPEC
	850	30×45	0.15	330HS850SCZS6WPEC
	960	30×50	0.15	330HS960SCZS7WPEC
	990	35×40	0.15	330HS990SCAS5WPEC
	1,000	30×55	0.15	330HS1000SCZS8WPEC
	1,100	30×60	0.15	330HS1100SCZS9WPEC
		35×45	0.15	330HS1100SCAS6WPEC
	1,300	35×50	0.15	330HS1300SCAS7WPEC
	1,400	35×55	0.15	330HS1400SCAS8WPEC
	1,500	35×60	0.15	330HS1500SCAS9WPEC
	2,300	35×100	0.15	330HS2300SSAS17WPEC
		40×76	0.15	330HS2300SSBS12WPEC
3,100	40×101	0.15	330HS3100SSBS17WPEC	
360	420	30×30	0.15	360HS420SCZS3WPEC
	530	30×35	0.15	360HS530SCZS4WPEC
	570	35×30	0.15	360HS570SCAS3WPEC
	630	30×40	0.15	360HS630SCZS5WPEC
	710	35×35	0.15	360HS710SCAS4WPEC
	730	30×45	0.15	360HS730SCZS6WPEC
	830	30×50	0.15	360HS830SCZS7WPEC
	850	35×40	0.15	360HS850SCAS5WPEC
	910	30×55	0.15	360HS910SCZS8WPEC
	960	30×60	0.15	360HS960SCZS9WPEC
	1,000	35×45	0.15	360HS1000SCAS6WPEC
	1,100	35×50	0.15	360HS1100SCAS7WPEC
	1,200	35×55	0.15	360HS1200SCAS8WPEC
	1,300	35×60	0.15	360HS1300SCAS9WPEC
	2,000	35×100	0.15	360HS2000SSAS17WPEC
		40×76	0.15	360HS2000SSBS12WPEC
	2,700	40×101	0.15	360HS2700SSBS17WPEC

Rated Voltage (WV, DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20°C, 120Hz	Product name
400	340	30×30	0.15	400HS340SCZS3WPEC
	430	30×35	0.15	400HS430SCZS4WPEC
	460	35×30	0.15	400HS460SCAS3WPEC
	510	30×40	0.15	400HS510SCZS5WPEC
	580	35×35	0.15	400HS580SCAS4WPEC
	590	30×45	0.15	400HS590SCZS6WPEC
	680	30×50	0.15	400HS680SCZS7WPEC
	690	35×40	0.15	400HS690SCAS5WPEC
	740	30×55	0.15	400HS740SCZS8WPEC
	780	30×60	0.15	400HS780SCZS9WPEC
	810	35×45	0.15	400HS810SCAS6WPEC
	920	35×50	0.15	400HS920SCAS7WPEC
	1,000	35×55	0.15	400HS1000SCAS8WPEC
	1,100	35×60	0.15	400HS1100SCAS9WPEC
	1,600	35×100	0.15	400HS1600SSAS17WPEC
		40×76	0.15	400HS1600SSBS12WPEC
2,200	40×101	0.15	400HS2200SSBS17WPEC	
450	300	30×30	0.15	450HS300SCZS3WPEC
	370	30×35	0.15	450HS370SCZS4WPEC
	400	35×30	0.15	450HS400SCAS3WPEC
	450	30×40	0.15	450HS450SCZS5WPEC
	510	35×35	0.15	450HS510SCAS4WPEC
	520	30×45	0.15	450HS520SCZS6WPEC
	590	30×50	0.15	450HS590SCZS7WPEC
	610	35×40	0.15	450HS610SCAS5WPEC
	650	30×55	0.15	450HS650SCZS8WPEC
	680	30×60	0.15	450HS680SCZS9WPEC
	710	35×45	0.15	450HS710SCAS6WPEC
	810	35×50	0.15	450HS810SCAS7WPEC
	900	35×55	0.15	450HS900SCAS8WPEC
	970	35×60	0.15	450HS970SCAS9WPEC
	1,400	35×100	0.15	450HS1400SSAS17WPEC
		40×76	0.15	450HS1400SSBS12WPEC
	1,900	40×101	0.15	450HS1900SSBS17WPEC