

NEW!

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.



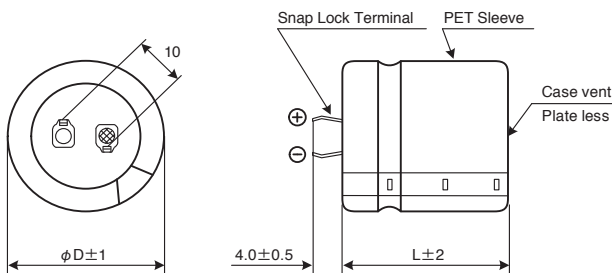
Product Specifications

Items	Specifications
Temperature range	-20°C ~ +55°C
Rated voltage	450VV.DC
Withstanding voltage	470SV.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

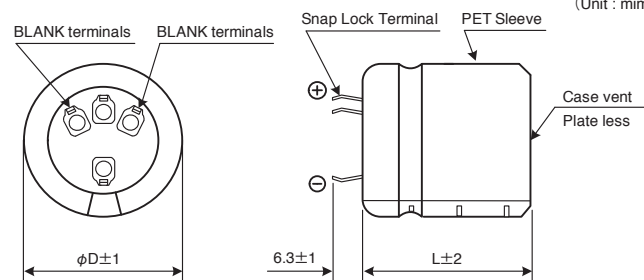
2-claw short terminal (Terminal code : C)

(Unit : mm)



4-claw terminal (Terminal code : S)

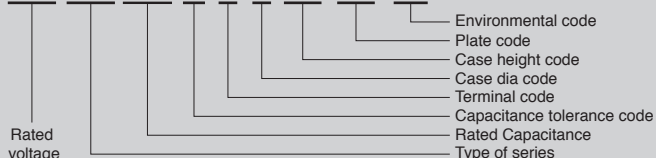
(Unit : mm)



Product code

(Example) HS Series 450V 810µF (-10%~+20%)

450 HS 810 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
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	