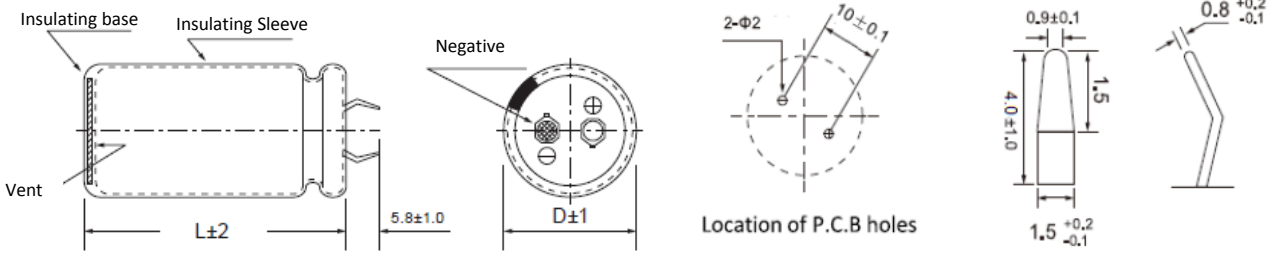
Jamicon Series：HV
Teapo Series：GD Long Life Series

■ Endurance: 105℃3000hours
■ Recommended Applications: Smoothing circuit, TV/Monitor,Adapter, SMPS
■ Corresponding product to RoHS

■ SPECIFICATIONS

Item	Characteristics
Category Temperature Range	-25 ~ +105℃
Rated Voltage Range	200~400 VDC
Rated Capacitance Range	68~1500 μF
Capacitance Tolerance	± 20 % (120Hz , 20℃)
Leakage Current (20℃)	I = $\sqrt{3}$ CV. (After rated voltage applied for 5 minutes) I：Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)
Dissipation Factor(MAX) (tan δ) (120Hz ,20℃)	WV: 200 / 400 tan δ: 0.15 / 0.15
Low Temperature Stability Impedance Ratio (MAX)	Measurement frequency : 120Hz Rated voltage(V): 200 / 400 Z-25℃ / Z+20℃: 4 / 6
Endurance	After applying rated voltage with rated ripple current for3000 hours at 105℃ , the capacitors shall meet the following requirements. Capacitance change: Within ± 20% of initial value D.F. (tan δ): Not more than 200% of specified value Leakage current: Not more than the specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for1,000 hours at 105℃without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to item 4.1 of JIS C 5101-4.

■ Dimensions [mm]



■ Multiplier for Ripple Current

Freq. (Hz)	60	120	400	1K	10K
200V	0.80	1.00	1.10	1.30	1.40
400WV	0.80	1.00	1.10	1.30	1.40

Jamicon Series：HV
Teapo Series：GD

■STANDARD RATINGS

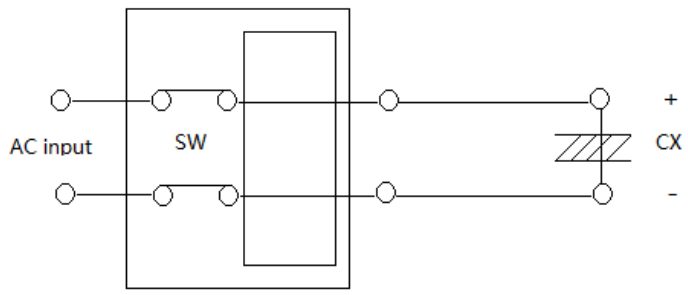
Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (A/rms105℃) (120Hz)
200V （250）	270	22x25	0.15	0.89
	330	22x30	0.15	1.06
		25x25	0.15	1.01
	390	22x35	0.15	1.24
		25x30	0.15	1.18
	470	22x40	0.15	1.44
		25x30	0.15	1.30
		30x25	0.15	1.34
	560	22x45	0.15	1.65
		25x35	0.15	1.51
		30x30	0.15	1.58
	680	22x50	0.15	1.91
		25x40	0.15	1.76
		30x35	0.15	1.85
	820	25x50	0.15	2.13
		30x35	0.15	2.03
		35x30	0.15	2.03
	1000	30x45	0.15	2.50
		35x35	0.15	2.38
	1200	30x50	0.15	2.86
		35x40	0.15	2.75
	1500	35x45	0.15	3.11
400V (450)	68	22x25	0.15	0.46
	82	22x30	0.15	0.55

Rated Voltage (SurageVoltage) (V)	Cap (μF)	Case size ΦDxL(mm)	tan δ	Ripple current (A/rms105℃) (120Hz)
400V (450)	82	25x25	0.15	0.52
	100	22x35	0.15	0.65
		25x30	0.15	0.62
	120	22x40	0.15	0.76
		25x30	0.15	0.68
		30x25	0.15	0.67
	150	22x45	0.15	0.89
		25x35	0.15	0.82
		30x30	0.15	0.81
	180	22x50	0.15	1.03
		25x40	0.15	0.95
		30x30	0.15	0.89
		35x25	0.15	0.91
	220	25x45	0.15	1.11
		30x35	0.15	1.04
		35x30	0.15	1.08
	270	25x50	0.15	1.28
		30x40	0.15	1.22
		35x35	0.15	1.27
	330	30x45	0.15	1.42
		35x35	0.15	1.40
	390	30x50	0.15	1.62
		35x40	0.15	1.61
	470	35x45	0.15	1.86

■DC OVERVOLTAGE TEST CONDITION

The vent will be operated and the capacity shall become an open circuit without burning the material when the following excess DC voltage is applied.

Rated Voltage	Capacitance	Current	Test DC Voltage
200VDC	＜330μF	4A	300/375 VDC
	330≤C＜470μF	5A	
	≥470μF	7A	
400VDC	＜100μF	2A	500/600 VDC
	100≤C＜220μF	4A	
	≥220μF	7A	



Constant DC voltage/current power supply