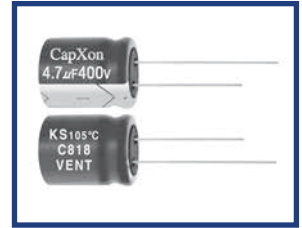


KS Series 105°C Overvoltage Vent Operation Facility

Features

- ◆ High ripple current capability.
- ◆ This series has specification of vent operation in overvoltage situation.
- ◆ RoHS Compliant



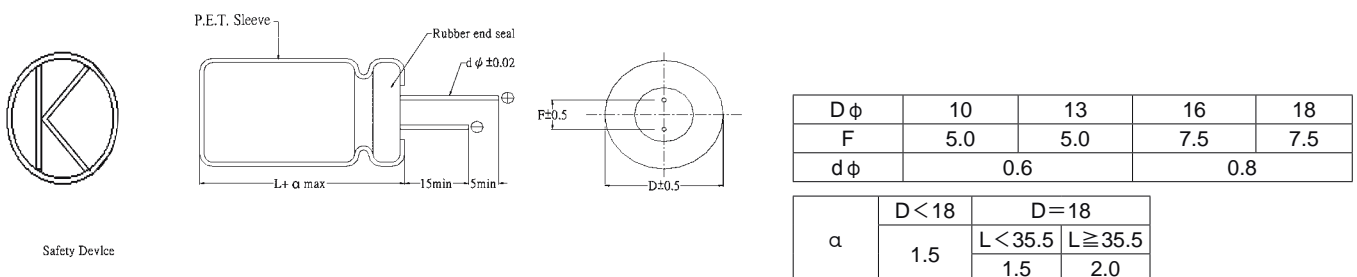
Specifications

Item	Performance Characteristics		
Operating Temperature Range	-25~+105°C		
Rated Voltage Range	200V、400V		
Capacitance Tolerance	±20%(120Hz,+20°C)		
Leakage Current (+20°C,max.)	I ≤ 0.03 CV (µA) After 1 minute with rated working voltage applied.		
Dissipation Factor (tan δ, at 20°C, 120Hz)	Working Voltage(VDC)	200	400
	D.F.(%)max.	15	15
Endurance	Test condition Duration time :2000 Hrs Ambient temperature:+105°C Applied voltage :Rated DC working voltage After test requirement at +20°C Capacitance change : ≤ ±20% of the initial measured value Dissipation factor: ≤200% of the initial specified value Leakage current : ≤The initial specified value		
Shelf Life	Test condition Duration time :1000 Hrs Ambient temperature :+105°C Applied voltage :None After test requirement at +20°C:Same limits as Endurance. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.		

Multiplier for Ripple Current vs. Frequency

VDC	Capacitance(µF)	Frequency(Hz)				
		60(50)	120	400	1K	≥10K
200	22~470	0.85	1.00	1.10	1.25	1.50
400	4.7~68	0.85	1.00	1.05	1.20	1.40
	82~150	0.85	1.00	1.03	1.15	1.35

Diagram of Dimensions:(unit:mm)



Case Size

φ D x L (mm)

WV Cap (μ F)	200		WV Cap (μ F)	400	
	Size	Ripple		Size	Ripple
22	10X20	120	4.7	10X12.5	60
33	10X25	160	10	10X16	100
	13X20	160		10X20	125
47	10X30	195	22	13X20	135
	13X20	195		13X25	150
56	13X25	210	33	16X21	150
68	13X25	270		13X25	180
	16X21	270	16X21	210	
82	13X30	310	47	16X31.5	300
	16X21	320		16X35.5	320
	16X25	360		18X25	300
100	16X25	400	56	18X31.5	320
	18X21	400		16X31.5	360
120	16X25	460	68	18X25	350
	16X31.5	500		18X31.5	370
	18X25	500		16X31.5	365
150	16X31.5	560	82	16X35.5	380
	16X35.5	590		18X31.5	375
	18X25	560		16X35.5	410
180	16X35.5	600	100	18X31.5	410
	18X31.5	650		18X35.5	450
220	18X31.5	700	120	16X35.5	470
	18X35.5	740		18X31.5	470
330	18X35.5	780	150	18X35.5	490
	18X41	840		18X31.5	520
390	18X41	860	180	18X35.5	540
	18X45	920		18X41	560
470	18X45	1120	220	18X35.5	770
				18X41	790

Ripple Current (mA, rms) at 105°C 120Hz